

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM701002

<b>SUBMISSION TYPE:</b>	RESUBMISSION
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>RESUBMIT DOCUMENT ID:</b>	900657517

## CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
ARRIS Solutions, Inc.		11/15/2021	Corporation:
ARRIS Enterprises LLC		11/15/2021	Limited Liability Company:
CommScope Technologies LLC		11/15/2021	Limited Liability Company:
CommScope, Inc. of North Carolina		11/15/2021	Corporation:
Ruckus Wireless, Inc.		11/15/2021	Corporation:

## RECEIVING PARTY DATA

<b>Name:</b>	Wilmington Trust, National Association
<b>Street Address:</b>	1100 N. Market Street
<b>City:</b>	Wilmington
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19890
<b>Entity Type:</b>	National Association: UNITED STATES

## PROPERTY NUMBERS Total: 243

Property Type	Number	Word Mark
Registration Number:	2585702	2WIRE
Registration Number:	2574191	2WIRE
Registration Number:	2632251	2WIRE
Registration Number:	4506402	ACCURET
Registration Number:	5161230	ACT
Registration Number:	2608396	ADC
Registration Number:	2572495	ADC
Registration Number:	1021919	ADC
Registration Number:	1397449	ADC
Registration Number:	4751504	AGILEMAX
Registration Number:	1941052	AIR FOSC
Registration Number:	2791398	AIRES
Registration Number:	2598859	AIRVANA

Property Type	Number	Word Mark
Registration Number:	2675597	AIRVISTA
Registration Number:	4177785	AMC
Registration Number:	4911879	AMP NETCONNECT
Registration Number:	3060798	AMP NETCONNECT
Registration Number:	3096306	AMP NETCONNECT HOME NET-WORKS
Registration Number:	2197854	AMPINNERGY
Registration Number:	0959263	ANDREW
Registration Number:	3894233	ANDREW
Registration Number:	0959262	ANDREW
Registration Number:	4854347	ANDREW
Registration Number:	0403521	ANDREW
Registration Number:	4453090	ARRIS
Registration Number:	4040651	
Registration Number:	4120355	
Registration Number:	2971140	
Registration Number:	4051711	ARRIS
Registration Number:	4254343	ARRIS
Registration Number:	3678453	AURORA NETWORKS
Registration Number:	2674928	BAY TRACER
Registration Number:	3262223	BEAMFLEX
Registration Number:	2472151	BRIGHTWIRE
Registration Number:	3003530	C4
Registration Number:	5507068	CABLE EXCHANGE
Registration Number:	2099055	CABLEPAK
Registration Number:	4520878	CCATALOG
Registration Number:	0761882	CERTI-SEAL
Registration Number:	4863441	CHANNELFLY
Registration Number:	4368691	CHERRYPICKER
Registration Number:	3542646	CHP MAX5000
Registration Number:	2633035	CLEARGAIN
Registration Number:	4045900	CLOUDPATH
Registration Number:	0898651	COMM/SCOPE
Registration Number:	2849601	COMMALERT
Registration Number:	2905380	COMMPAK
Registration Number:	1865198	COMMSCOPE
Registration Number:	4194933	COMMSCOPE
Registration Number:	5444784	COMMSCOPE
Registration Number:	3008397	COMMSCOPE ADVANTAGE INVENTORY MANAGEMENT

Property Type	Number	Word Mark
Registration Number:	4463018	COMMSCOPE
Registration Number:	5523282	COMMSCOPE
Registration Number:	5717236	COMMSCOPE ERA
Registration Number:	2223132	CONQUEST
Registration Number:	4789123	CONVERGEMEDIA
Registration Number:	1875109	CORELINK
Registration Number:	4196842	CORWAVE
Registration Number:	3292104	CST
Registration Number:	4373306	CTRAK
Registration Number:	3330904	D5
Registration Number:	3333965	DATAPIPE
Registration Number:	3510148	
Registration Number:	2263526	
Registration Number:	1770738	DIGICIPHER
Registration Number:	3901009	DLX
Registration Number:	4837057	DREAMGALLERY
Registration Number:	1676346	DRYLINE
Registration Number:	1793196	DTERMINATOR 2
Registration Number:	4419646	E20
Registration Number:	4448361	E6000
Registration Number:	4967627	ENCRYPTONITE
Registration Number:	3143915	ENGINEWARE
Registration Number:	5951520	ERA
Registration Number:	2950291	ETHERSEAL
Registration Number:	4298759	EXPRESS EXIT
Registration Number:	2522409	EZ-CLIP
Registration Number:	3502353	EZFIT
Registration Number:	2268037	FASTIRON
Registration Number:	4397966	FIBERFEED
Registration Number:	1612750	FIBERGUIDE
Registration Number:	6216911	FIST
Registration Number:	4900571	FLEX MAX
Registration Number:	2854242	FLEXDSX
Registration Number:	3616852	FLEXWAVE
Registration Number:	5304491	FOSC
Registration Number:	1488255	FOSC 100
Registration Number:	2103090	FOSC 400
Registration Number:	5279463	FOSC 450

Property Type	Number	Word Mark
Registration Number:	4104918	FTTMAX
Registration Number:	2885945	FXL
Registration Number:	4999807	G2
Registration Number:	1866253	GELGUARD
Registration Number:	2525022	GHFC
Registration Number:	6249029	GHOST TERMINAL
Registration Number:	2185062	GIGASPEED
Registration Number:	3372123	GIGASPEED X10D
Registration Number:	3372121	GIGASPEED XL
Registration Number:	3534816	GIGASPEED XPRESS
Registration Number:	5523284	
Registration Number:	4463016	
Registration Number:	2774200	
Registration Number:	2624480	GS3
Registration Number:	0827502	HELIAX
Registration Number:	6381736	HELIAX
Registration Number:	2137593	HIGHBAND
Registration Number:	5952777	HOMEASSURE
Registration Number:	4295523	HOMECONNECT
Registration Number:	2619363	HOMEPORTAL
Registration Number:	4146675	ICX
Registration Number:	5138280	IMPOWER
Registration Number:	4219218	IMVISION
Registration Number:	3056241	INSTAPATCH
Registration Number:	2934663	INTERREACH
Registration Number:	3074737	INTERREACH FUSION
Registration Number:	3112097	INTERREACH UNISON
Registration Number:	4286452	ION
Registration Number:	4882164	ION
Registration Number:	4701347	ION-E
Registration Number:	4605619	ION-U
Registration Number:	2586648	IPATCH
Registration Number:	3433079	IQ.CLEAR XG
Registration Number:	4524480	KREATV
Registration Number:	2014813	KRONE
Registration Number:	2377944	LAZRSPEED
Registration Number:	1879609	LIGHTCRIMP
Registration Number:	4849761	

Property Type	Number	Word Mark
Registration Number:	0403520	
Registration Number:	5049934	LIGHT-PLEX
Registration Number:	2897705	LIGHTSCOPE
Registration Number:	4304732	LIGHTSCOPE ZWP
Registration Number:	1450498	LSA-PLUS
Registration Number:	2358130	LX.5
Registration Number:	2692643	MEDIA 6
Registration Number:	4388270	MEDIACIPHER
Registration Number:	2579587	METROREACH
Registration Number:	2851254	MT-RJ SECURE
Registration Number:	5509853	MULTITRUST
Registration Number:	5770590	NETCONNECT
Registration Number:	1894333	NETCONNECT
Registration Number:	1893971	NETCONNECT
Registration Number:	2993103	NG3
Registration Number:	4610287	NG4ACCESS
Registration Number:	6153566	NOW MEETS NEXT
Registration Number:	3787825	OMX
Registration Number:	2821428	OMX600
Registration Number:	4796318	ONECELL
Registration Number:	2663495	OPTISPEED
Registration Number:	5327676	OPTI-TRACE
Registration Number:	2270709	P3
Registration Number:	2439720	PACE
Registration Number:	4287129	PACE
Registration Number:	4522646	PARTNERPRO
Registration Number:	2051177	PATCHMAX
Registration Number:	1469785	PEDCAP
Registration Number:	0832129	PICABOND
Registration Number:	5046485	POWERSHIFT
Registration Number:	2869874	PRO PATCH
Registration Number:	2938665	PULLMASTER
Registration Number:	1442791	QR
Registration Number:	4139752	QUAREO
Registration Number:	4139774	Q
Registration Number:	6298076	QWIK
Registration Number:	4781516	QWIK II
Registration Number:	1080222	RADIAX

Property Type	Number	Word Mark
Registration Number:	5018162	RAPID FIBER
Registration Number:	4813063	RAPID REEL
Registration Number:	3790697	READYPATCH
Registration Number:	3894279	REALFLEX
Registration Number:	1458155	REGAL
Registration Number:	4946795	RET MASTER
Registration Number:	4989500	RIPCURRENT
Registration Number:	3803597	RISERGUIDE
Registration Number:	5444434	RUCKUS
Registration Number:	5270518	RUCKUS
Registration Number:	4408484	RUCKUS
Registration Number:	4408482	RUCKUS
Registration Number:	4408483	RUCKUS
Registration Number:	5300321	
Registration Number:	3280730	RUCKUS WIRELESS
Registration Number:	4996197	SECUREMEDIA
Registration Number:	4316928	SENTINEL
Registration Number:	4968844	SERVASSURE
Registration Number:	4343496	SMARTCELL
Registration Number:	5900995	SMOUV
Registration Number:	3701189	SNAPSTAK
Registration Number:	1703013	SPANMASTER
Registration Number:	4505497	SUREFLEX
Registration Number:	3691912	SUREGROUND
Registration Number:	4716499	SUREGUARD
Registration Number:	2088180	SURFBOARD
Registration Number:	5010874	SURFBOARD
Registration Number:	5858173	SURFBOARD MAX
Registration Number:	1605354	SYSTIMAX
Registration Number:	1644744	SYSTIMAX
Registration Number:	4082391	SYSTIMAX
Registration Number:	1301390	TEGLAR
Registration Number:	2945805	TERASPEED
Registration Number:	1359209	TERMSEAL
Registration Number:	2435047	THE C IN HFC
Registration Number:	3069613	TOUCHSTONE
Registration Number:	1437317	TRAC
Registration Number:	2628761	TRACERLIGHT

Property Type	Number	Word Mark
Registration Number:	4104916	TRANS MAX
Registration Number:	2546021	TRUENET
Registration Number:	2212298	TURBOIRON
Registration Number:	1027817	UHX
Registration Number:	2188872	ULTRAHOME
Registration Number:	3323526	ULTRAMEDIA
Registration Number:	2552137	ULTRAPIPE
Registration Number:	1833148	UNIPATCH
Registration Number:	3024567	UNIPRISE
Registration Number:	3163109	UNIPRISE SOLUTIONS
Registration Number:	3860385	VALULINE
Registration Number:	1858127	VALULINE
Registration Number:	2634837	VEXTRA
Registration Number:	2507683	VISIPATCH
Registration Number:	3366457	VISIPATCH 360
Registration Number:	1418255	WE TOTE
Registration Number:	2841158	WEBTRAK
Registration Number:	4968845	WORKASSURE
Registration Number:	1659753	WRSS
Registration Number:	1173989	XAGA
Registration Number:	1878534	XAGA FOSC
Registration Number:	4868034	XCLAIM
Registration Number:	4868035	XCLAIM
Registration Number:	4868032	XCLAIM
Registration Number:	4868033	XCLAIM
Registration Number:	5061882	XPRESSCONNECT
Registration Number:	3541568	XPRESSPREP
Serial Number:	90805675	BLE
Serial Number:	90805680	CORVIEW
Serial Number:	90805686	MINIBRIDGER
Serial Number:	90805673	NC4000
Serial Number:	90801178	OM4100
Serial Number:	90804704	OM4120
Serial Number:	90804625	OM6000
Serial Number:	90506653	OPTI MAX
Serial Number:	90593885	RUCKCAST
Serial Number:	90605048	RUCKCAST
Serial Number:	90804616	STARLINE

Property Type	Number	Word Mark
Serial Number:	90519816	SYSTIMAX
Serial Number:	90594028	WHAT'S THAT RUCKUS

**CORRESPONDENCE DATA**

**Fax Number:** 3129939767

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 3128767700

**Email:** thomas.buettner@lw.com

**Correspondent Name:** Thomas J. Buettner

**Address Line 1:** Latham & Watkins LLP

**Address Line 2:** 330 North Wabash Avenue, Suite 2800

**Address Line 4:** Chicago, ILLINOIS 60611

**ATTORNEY DOCKET NUMBER:** 049614-0025

**NAME OF SUBMITTER:** Thomas J. Buettner

**SIGNATURE:** /tjb/

**DATE SIGNED:** 01/10/2022

**Total Attachments: 15**

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## TRADEMARK SECURITY AGREEMENT

This **TRADEMARK PROPERTY SECURITY AGREEMENT** (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Trademark Security Agreement**”) dated November 15, 2021, is made by the Person listed on the signature pages hereof (the “**Pledgor**”) in favor of Wilmington Trust, National Association, as collateral agent (together with its permitted successors in such capacity the “**Collateral Agent**”) for the Secured Parties (as defined in the Security Agreement (as defined below)).

**WHEREAS**, each Pledgor has executed and delivered that certain Notes Security Agreement, dated August 23, 2021, by CommScope, Inc., a Delaware corporation, each Pledgor, the other Grantors party thereto from time to time and the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the “**Security Agreement**”). Terms defined in the Security Agreement and not otherwise defined herein are used herein as defined in the Security Agreement.

**WHEREAS**, under the terms of the Security Agreement, each Pledgor has granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain trademarks of each Pledgor, and have agreed as a condition thereof to execute this Trademark Security Agreement for recording with the United States Patent and Trademark Office and any other appropriate domestic governmental authorities.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Pledgor agrees as follows:

(1) Grant of Security. Each Pledgor hereby grants to the Collateral Agent for the benefit of the Secured Parties a security interest in all of such Pledgor’s right, title and interest in and to the following (the “**Collateral**”):

(a) the trademark and service mark registrations and applications set forth in Schedule A hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications to the extent that, and so long as creation of a security interest therein or the assignment thereof would result in the loss of any material rights therein), together with the goodwill symbolized thereby (the “**Trademarks**”);

(b) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Pledgor accruing thereunder or pertaining thereto;

(c) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(d) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing;

provided that notwithstanding anything to the contrary contained in the foregoing clauses (a) through (d), the security interest created hereby shall not extend to, and the term “**Collateral**,” shall not include any lease, license or other agreement to the extent that (and only for so long as) a grant of a security interest

therein would violate or invalidate such lease, license, or agreement, or create a right of termination in favor of any other party thereto (other than any Pledgor), in each case to the extent not rendered unenforceable pursuant to applicable provisions of the UCC or other applicable law; provided, that the Collateral includes proceeds and receivables of any property excluded under the foregoing proviso, the assignment of which is expressly deemed effective under the UCC notwithstanding such prohibition; provided further that, notwithstanding anything to the contrary contained in the foregoing clauses (a) through (d), the security interest created hereby shall not extend to any Excluded Assets.

(2) Security for Obligations. The grant of a security interest in the Collateral by each Pledgor under this Trademark Security Agreement secures the payment of all Obligations of such Pledgor now or hereafter existing under or in respect of the Security Documents (as such Security Documents may be amended, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time). Without limiting the generality of the foregoing, this Trademark Security Agreement secures, as to [the][each] Pledgor, the payment of all amounts that constitute part of the Secured Obligations (as defined in the Security Agreement) that would be owed by such Pledgor to any Secured Party under the Security Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, or reorganization or similar proceeding involving a Grantor.

(3) Recordation. Each Pledgor authorizes and requests that the Commissioner for Trademarks record this Trademark Security Agreement.

(4) Execution in Counterparts. This Trademark Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

(5) Grants, Rights and Remedies. This Trademark Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Pledgor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Trademark Security Agreement Supplement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

(6) Governing Law. This Trademark Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York, without regard to conflicts of law principles thereof.

[Signature Pages Follow]

**IN WITNESS WHEREOF**, each Pledgor has caused this Trademark Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

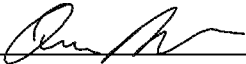
**ARRIS Solutions, Inc.**  
**ARRIS Enterprises LLC**  
**CommScope Technologies LLC**  
**CommScope, Inc. of North Carolina**  
**Ruckus Wireless, Inc.**

DocuSigned by:

*Kyle Lorentzen*

By: \_\_\_\_\_  
Name: Kyle Lorentzen  
Title: Executive Vice President  
and Chief Financial Officer

WILMINGTON TRUST, NATIONAL ASSOCIATION,  
as Collateral Agent

By:  \_\_\_\_\_  
Name: Quinton M. DePompolo  
Title: Banking Officer

Schedule A to the Trademark Security Agreement

**1. Registered Trademarks**

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
ARRIS Solutions, Inc.	2585702	2002-06-25	75575129	1998-10-21	2WIRE
ARRIS Solutions, Inc.	2574191	2002-05-28	75761706	1999-07-27	2WIRE & DEVICE
ARRIS Solutions, Inc.	2632251	2002-10-08	75761705	1999-07-27	2WIRE & DEVICE
CommScope Technologies LLC	4506402	2014-04-01	85711245	2012-08-23	AccuRET
CommScope, Inc. of North Carolina	5161230	2017-03-14	87198129	2016-10-10	ACT
CommScope Technologies LLC	2608396	2002-08-20	75573620	1998-10-20	ADC
CommScope Technologies LLC	2572495	2002-05-28	75573766	1998-10-20	ADC
CommScope Technologies LLC	1021919	1975-10-07	73001828	1973-09-24	ADC
CommScope Technologies LLC	1397449	1986-06-17	73527543	1985-03-18	ADC & DESIGN
ARRIS Enterprises LLC	4751504	2015-06-09	86415822	2014-10-06	AGILEMAX
CommScope Technologies LLC	1941052	1995-12-12	74615763	1994-12-27	AIR FOSC
CommScope Technologies LLC	2791398	2003-12-09	78201673	2003-01-09	AIRES
CommScope Technologies LLC	2598859	2002-07-23	76038538	2000-04-27	Airvana
CommScope Technologies LLC	2675597	2003-01-14	76292520	2001-07-31	Airvista
CommScope Technologies LLC	4177785	2012-07-24	85197594	2010-12-14	AMC
CommScope Technologies LLC	4911879	2016-03-08	86312828	2014-06-18	AMP NETCONNECT
CommScope Technologies LLC	3060798	2006-02-21	76977895	2000-03-15	AMP NETCONNECT & OVAL DESIGN
CommScope Technologies LLC	3096306	2006-05-23	78229945	2003-03-25	AMP NETCONNECT HOME NETWORKS
CommScope Technologies LLC	2197854	1998-10-20	75336151	1997-08-05	AMPINNERGY
CommScope Technologies LLC	959263	1973-05-22	72406949	1971-11-05	Andrew

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
CommScope Technologies LLC	3894233	2010-12-21	77333034	2007-11-19	Andrew
CommScope Technologies LLC	959262	1973-05-22	72406948	1971-11-05	Andrew & Flash Design
CommScope Technologies LLC	4854347	2015-11-17	86532594	2015-02-12	Andrew & Flash Design
CommScope Technologies LLC	403521	1943-09-28	71460168	1943-04-26	Andrew & Flash Design
Ruckus Wireless, Inc.	4453090	2013-12-24	85140610	2010-09-29	ARRIS (Stylized)
ARRIS Enterprises LLC	4040651	2011-10-18	85117353	2010-08-27	ARRIS Logo
ARRIS Enterprises LLC	4120355	2012-04-03	85131514	2010-09-16	ARRIS Logo
ARRIS Enterprises LLC	2971140	2005-07-19	76270674	2001-06-13	ARRIS Logo
ARRIS Enterprises LLC	4051711	2011-11-08	85117462	2010-08-27	ARRIS with Logo
ARRIS Enterprises LLC	4254343	2012-12-04	78285890	2003-08-11	ARRIS Word
ARRIS Solutions, Inc.	3678453	2009-09-08	77488942	2008-06-02	AURORA NETWORKS Word and Logo
CommScope Technologies LLC	2674928	2003-01-14	76391419	2002-04-04	BAY TRACER
ARRIS Enterprises LLC	3262223	2007-07-10	78541004	2005-01-03	BEAMFLEX
CommScope, Inc. of North Carolina	2472151	2001-07-24	75694165	1999-04-30	BrightWire
ARRIS Enterprises LLC	3003530	2005-10-04	78064945	2001-05-22	C4
CommScope Technologies LLC	5507068	2018-07-03	87682714	2017-11-13	Cable Exchange
CommScope, Inc. of North Carolina	2099055	1997-09-23	75124156	1996-06-24	CablePak
CommScope, Inc. of North Carolina	4520878	2014-04-29	86036392	2013-08-13	cCatalog
CommScope Technologies LLC	761882	1963-12-24	72168557	1963-05-10	CERTI-SEAL
ARRIS Enterprises LLC	4863441	2015-12-01	85540807	2012-02-13	CHANNELFLY
ARRIS Enterprises LLC	4368691	2013-07-16	85852511	2013-02-18	CHERRY PICKER
ARRIS Enterprises LLC	3542646	2008-12-09	77288661	2007-09-25	CHP MAX5000
CommScope Technologies LLC	2633035	2002-10-08	76210367	2001-02-14	CLEAR GAIN

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
Ruckus Wireless, Inc.	4045900	2011-10-25	77803433	2009-08-12	CLOUDPATH
CommScope, Inc. of North Carolina	898651	1970-09-15	72353793	1970-03-11	Comm/Scope
CommScope, Inc. of North Carolina	2849601	2004-06-01	78191100	2002-12-04	CommAlert
CommScope, Inc. of North Carolina	2905380	2004-11-30	75513771	1998-07-06	CommPak
CommScope, Inc. of North Carolina	1865198	1994-11-29	74330420	1992-11-12	CommScope
CommScope, Inc. of North Carolina	4194933	2012-08-21	77737736	2009-05-15	CommScope
CommScope, Inc. of North Carolina	5444784	2018-04-10	87398031	2017-04-04	COMMSCOPE
CommScope, Inc. of North Carolina	3008397	2005-10-25	76608524	2004-08-25	CommScope Advantage Inventory Management
CommScope, Inc. of North Carolina	4463018	2014-01-07	85226746	2011-01-26	CommScope and Globe Design
CommScope, Inc. of North Carolina	5523282	2018-07-24	87701451	2017-11-29	CommScope and Globe Design 2D
CommScope, Inc. of North Carolina	5717236	2019-04-02	87773846	2018-01-29	COMMSCOPE Era
CommScope, Inc. of North Carolina	2223132	1999-02-09	75208107	1996-12-04	ConQuest
ARRIS Enterprises LLC	4789123	2015-08-11	86458561	2014-11-19	CONVERGEMEDIA
CommScope Technologies LLC	1875109	1995-01-24	74438772	1993-09-22	CORELINK
ARRIS Enterprises LLC	4196842	2012-08-28	85345882	2011-06-14	CORWAVE
CommScope Technologies LLC	3292104	2007-09-11	78825131	2006-02-28	CST
CommScope, Inc. of North Carolina	4373306	2013-07-23	85574128	2012-03-20	CTrak
ARRIS Enterprises LLC	3330904	2007-11-06	78585156	2005-03-11	D5
CommScope, Inc. of North Carolina	3333965	2007-11-13	77111114	2007-02-20	Datapipe
CommScope, Inc. of North Carolina	3510148	2008-09-30	78948378	2006-08-09	Design Logo
CommScope, Inc. of North Carolina	2263526	1999-07-20	75292556	1997-05-14	Design Logo
ARRIS Technology Inc.	1770738	1993-05-11	74015559	1990-01-02	DIGICIPHER
CommScope Technologies LLC	3901009	2011-01-04	77435896	2008-03-31	DLX

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
ARRIS Technology Inc.	4837057	2015-10-20	85595767	2012-04-12	DREAMGALLERY
CommScope Technologies LLC	1676346	1992-02-18	74056196	1990-05-07	DryLine (Stylized)
CommScope Technologies LLC	1793196	1993-09-14	74295683	1992-07-20	DTERMINATOR 2
CommScope, Inc. of North Carolina	4419646	2013-10-15	85690335	2012-07-31	E2O
ARRIS Enterprises LLC	4448361	2013-12-10	85539064	2012-02-10	E6000
ARRIS Enterprises LLC	4967627	2016-05-31	86642777	2015-05-27	ENCRYPTONITE
ARRIS Enterprises LLC	3143915	2006-09-19	76598612	2004-06-22	ENGINEWARE
CommScope, Inc. of North Carolina	5951520	2019-12-31	88239187	2018-12-21	ERA
CommScope Technologies LLC	2950291	2005-05-10	78317506	2003-10-23	ETHERSEAL
CommScope Technologies LLC	4298759	2013-03-05	85314262	2011-05-06	EXPRESS EXIT
CommScope, Inc. of North Carolina	2522409	2001-12-25	76224025	2001-03-14	EZ-Clip
CommScope, Inc. of North Carolina	3502353	2008-09-16	77128209	2007-03-12	EZfit
ARRIS Enterprises LLC	2268037	1999-08-10	75226662	1997-01-15	FASTIRON
CommScope Technologies LLC	4397966	2013-09-03	85709879	2012-08-22	FiberFeed
CommScope Technologies LLC	1612750	1990-09-11	73816057	1989-07-31	FIBERGUIDE
CommScope Technologies LLC	6216911	2020-12-08	87089773	2016-06-30	FIST
ARRIS Enterprises LLC	4900571	2016-02-16	86552760	2015-03-04	FLEX MAX
CommScope Technologies LLC	2854242	2004-06-15	76193765	2001-01-12	FLEXDSX
CommScope Technologies LLC	3616852	2009-05-05	77295504	2007-10-03	FLEXWAVE
CommScope Technologies LLC	5304491	2017-10-10	87120826	2016-07-29	FOSC
CommScope Technologies LLC	1488255	1988-05-17	73681078	1987-08-28	FOSC 100
CommScope Technologies LLC	2103090	1997-10-07	75150175	1996-08-15	FOSC 400
CommScope Technologies LLC	5279463	2017-09-05	87121175	2016-07-29	FOSC 450
ARRIS Enterprises LLC	4104918	2012-02-28	85345896	2011-06-14	FTTMAX



PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
CommScope, Inc. of North Carolina	2885945	2004-09-21	76526363	2003-06-30	FXL
CommScope Technologies LLC	4999807	2016-07-12	86655950	2015-06-09	G2
CommScope Technologies LLC	1866253	1994-12-06	74340111	1992-12-14	GELGUARD
CommScope Technologies LLC	2525022	2002-01-01	76239360	2001-04-09	GHFC
CommScope Technologies LLC	6249029	2021-01-19	88907582	2020-05-08	GHOST TERMINAL
CommScope, Inc. of North Carolina	2185062	1998-08-25	75256346	1997-03-12	GigaSPEED
CommScope, Inc. of North Carolina	3372123	2008-01-22	77179856	2007-05-14	GigaSPEED X10D
CommScope, Inc. of North Carolina	3372121	2008-01-22	77179814	2007-05-14	GigaSPEED XL
CommScope, Inc. of North Carolina	3534816	2008-11-18	77194052	2007-05-31	GigaSPEED Xpress
CommScope, Inc. of North Carolina	5523284	2018-07-24	87701559	2017-11-29	Globe Design 2D
CommScope, Inc. of North Carolina	4463016	2014-01-07	85222869	2011-01-21	Globe Design Logo
CommScope, Inc. of North Carolina	2774200	2003-10-14	76186081	2000-12-22	Gold Metallic Cable (Brightwire Design)
CommScope Technologies LLC	2624480	2002-09-24	76296797	2001-08-09	GS3
CommScope Technologies LLC	827502	1967-04-18	72236212	1966-01-12	HELIAX
CommScope Technologies LLC	6381736	2021-06-08	88882052	2020-04-22	HELIAX
CommScope Technologies LLC	2137593	1998-02-17	74554507	1994-07-28	HIGHBAND
ARRIS Enterprises LLC	5952777	2020-01-07	87979735	2017-06-14	HOMEASSURE
CommScope, Inc. of North Carolina	4295523	2013-02-26	85671328	2012-07-09	HomeConnect
ARRIS Solutions, Inc.	2619363	2002-09-17	75825604	1999-10-18	HOMEPORTAL
ARRIS Enterprises LLC	4146675	2012-05-22	85443568	2011-10-10	ICX
CommScope, Inc. of North Carolina	5138280	2017-02-07	86673102	2015-06-24	IMPOWER
CommScope, Inc. of North Carolina	4219218	2012-10-02	85404930	2011-08-23	IMVISION
CommScope, Inc. of North Carolina	3056241	2006-01-31	78304663	2003-09-24	InstaPATCH
CommScope Technologies LLC	2934663	2005-03-22	78039039	2000-12-12	INTERREACH

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
CommScope Technologies LLC	3074737	2006-03-28	78508303	2004-10-29	INTERREACH FUSION
CommScope Technologies LLC	3112097	2006-07-04	78679830	2005-07-27	INTERREACH UNISON
CommScope Technologies LLC	4286452	2013-02-05	78710076	2005-09-09	ION
CommScope Technologies LLC	4882164	2016-01-05	86199955	2014-02-21	ION
CommScope Technologies LLC	4701347	2015-03-10	86248120	2014-04-10	ION-E
CommScope Technologies LLC	4605619	2014-09-16	86248101	2014-04-10	ION-U
CommScope, Inc. of North Carolina	2586648	2002-06-25	78020592	2000-08-10	iPatch
CommScope Technologies LLC	3433079	2008-05-20	78841778	2006-03-20	IQ.clear XG
ARRIS Technology Inc.	4524480	2014-05-06	85866825	2013-03-05	KREATV
CommScope Technologies LLC	2014813	1996-11-12	74619280	1995-01-09	KRONE
CommScope, Inc. of North Carolina	2377944	2000-08-15	75408017	1997-12-18	LazrSPEED
CommScope Technologies LLC	1879609	1995-02-21	74484007	1994-01-28	LIGHTCRIMP
CommScope Technologies LLC	4849761	2015-11-10	86532510	2015-02-12	Lightning Flash Design
CommScope Technologies LLC	403520	1943-09-28	71460167	1943-04-26	Lightning Flash Design
ARRIS Enterprises LLC	5049934	2016-09-27	87044109	2016-05-19	LIGHT-PLEX
CommScope, Inc. of North Carolina	2897705	2004-10-26	76402076	2002-05-01	LightScope
CommScope, Inc. of North Carolina	4304732	2013-03-19	85673625	2012-07-11	LightScope ZWP
CommScope Technologies LLC	1450498	1987-08-04	73631283	1986-11-20	LSA-PLUS
CommScope Technologies LLC	2358130	2000-06-13	75377658	1997-10-22	LX.5
CommScope, Inc. of North Carolina	2692643	2003-03-04	76363370	2002-01-29	Media 6
ARRIS Enterprises LLC	4388270	2013-08-20	85895708	2013-04-04	MEDIACIPHER
CommScope Technologies LLC	2579587	2002-06-11	75870237	1999-12-22	METROREACH
CommScope Technologies LLC	2851254	2004-06-08	76220595	2001-03-06	MT-RJ SECURE
ARRIS Enterprises LLC	5509853	2018-07-03	87551493	2017-08-01	MULTITRUST

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
CommScope Technologies LLC	5770590	2019-06-04	87689419	2017-11-17	NETCONNECT
CommScope Technologies LLC	1894333	1995-05-16	74453453	1993-10-28	NETCONNECT
CommScope Technologies LLC	1893971	1995-05-16	74453454	1993-10-28	NETCONNECT
CommScope Technologies LLC	2993103	2005-09-06	78229529	2003-03-25	NG3
CommScope Technologies LLC	4610287	2014-09-23	85704309	2012-08-15	NG4access
CommScope, Inc. of North Carolina	6153566	2020-09-15	87470060	2017-05-31	now meets next
CommScope Technologies LLC	3787825	2010-05-11	77295506	2007-10-03	OMX
CommScope Technologies LLC	2821428	2004-03-09	75749083	1999-07-12	OMX600
CommScope Technologies LLC	4796318	2015-08-18	86274839	2014-05-07	OneCell
CommScope, Inc. of North Carolina	2663495	2002-12-17	75369497	1997-10-07	OptiSPEED
ARRIS Enterprises LLC	5327676	2017-11-07	87381338	2017-03-22	OPTI-TRACE
CommScope, Inc. of North Carolina	2270709	1999-08-17	75512695	1998-07-02	P3
ARRIS Enterprises LLC	2439720	2001-04-03	75035093	1995-12-20	PACE
ARRIS Enterprises LLC	4287129	2013-02-12	77471911	2008-05-12	PACE LOGO
CommScope, Inc. of North Carolina	4522646	2014-04-29	85671304	2012-07-09	PartnerPRO
CommScope, Inc. of North Carolina	2051177	1997-04-08	74562815	1994-08-18	PATCHMAX
CommScope Technologies LLC	1469785	1987-12-22	73620071	1986-09-15	PEDCAP
CommScope Technologies LLC	832129	1967-07-18	72242873	1966-04-07	PICABOND
CommScope Technologies LLC	5046485	2016-09-20	86629495	2015-05-14	PowerShift
CommScope Technologies LLC	2869874	2004-08-03	75767494	1999-08-04	PRO PATCH
CommScope, Inc. of North Carolina	2938665	2005-04-05	76517340	2003-05-28	PullMaster
CommScope, Inc. of North Carolina	1442791	1987-06-16	73396747	1982-09-30	QR
CommScope Technologies LLC	5029002	2016-08-30	79160608	2014-09-25	QUAREO
CommScope Technologies LLC	4139752	2012-05-08	85101945	2010-08-06	QUAREO

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
CommScope Technologies LLC	4139774	2012-05-08	85109606	2010-08-17	QUAREO Logo (Stylized Q)
CommScope, Inc. of North Carolina	6298076	2021-03-23	88784006	2020-02-04	QWIK
CommScope, Inc. of North Carolina	4781516	2015-07-28	86470260	2014-12-03	QWIK II
CommScope Technologies LLC	1080222	1977-12-27	73018667	1974-04-12	RADIAX
CommScope Technologies LLC	5018162	2016-08-09	85473147	2011-11-15	RAPID FIBER
CommScope Technologies LLC	4813063	2015-09-15	85376506	2011-07-20	RAPID REEL
CommScope, Inc. of North Carolina	3790697	2010-05-18	77415042	2008-03-06	ReadyPATCH
CommScope Technologies LLC	3894279	2010-12-21	77437287	2008-04-01	RealFlex
ARRIS Enterprises LLC	1458155	1987-09-22	73648391	1987-03-09	REGAL
CommScope Technologies LLC	4946795	2016-04-26	86240941	2014-04-03	RET MASTER
ARRIS Enterprises LLC	4989500	2016-06-28	86475404	2014-12-09	RIPCURRENT
CommScope Technologies LLC	3803597	2010-06-15	77295523	2007-10-03	RISERGUIDE
ARRIS Enterprises LLC	5444434	2018-04-10	87309646	2017-01-22	RUCKUS
ARRIS Enterprises LLC	5270518	2017-08-22	87309640	2017-01-22	RUCKUS
ARRIS Enterprises LLC	4408484	2013-09-24	85751019	2012-10-10	RUCKUS
ARRIS Enterprises LLC	4408482	2013-09-24	85751016	2012-10-10	RUCKUS
ARRIS Enterprises LLC	4408483	2013-09-24	85751017	2012-10-10	RUCKUS
ARRIS Enterprises LLC	5300321	2017-10-03	87341483	2017-02-19	Ruckus Big Dog Design
ARRIS Enterprises LLC	3280730	2007-08-14	78716261	2005-09-20	RUCKUS WIRELESS
ARRIS Enterprises LLC	4996197	2016-07-12	86649973	2015-06-03	SECUREMEDIA
CommScope Technologies LLC	4316928	2013-04-09	85704218	2012-08-16	Sentinel
ARRIS Enterprises LLC	4968844	2016-05-31	86818115	2015-11-12	SERVASSURE
ARRIS Enterprises LLC	4343496	2013-05-28	85540816	2012-02-13	SMARTCELL
CommScope Technologies LLC	5900995	2019-11-05	88263645	2019-01-16	SMOUV

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
CommScope Technologies LLC	3701189	2009-10-27	77687305	2009-03-10	SnapStak
CommScope, Inc. of North Carolina	1703013	1992-07-28	74205268	1991-09-20	SpanMaster
CommScope Technologies LLC	4505497	2014-04-01	86097507	2013-10-22	Sureflex
CommScope Technologies LLC	3691912	2009-10-06	77687357	2009-03-10	SureGround
CommScope Technologies LLC	4716499	2015-04-07	86419044	2014-10-09	SureGuard
ARRIS Enterprises LLC	2088180	1997-08-12	75002255	1995-10-06	SURFBOARD
ARRIS Enterprises LLC	5010874	2016-08-02	86654648	2015-06-08	SURFBoard (Logo)
ARRIS Enterprises LLC	5858173	2019-09-10	87750311	2018-01-10	SURFBOARD MAX
CommScope, Inc. of North Carolina	1605354	1990-07-10	73819444	1989-08-15	SYSTIMAX
CommScope, Inc. of North Carolina	1644744	1991-05-14	74001018	1989-01-16	SYSTIMAX
CommScope, Inc. of North Carolina	4082391	2012-01-10	85201845	2010-12-20	SYSTIMAX
CommScope Technologies LLC	1301390	1984-10-23	73450343	1983-10-31	TEGLAR
CommScope, Inc. of North Carolina	2945805	2005-05-03	78201890	2003-01-10	TeraSPEED
CommScope Technologies LLC	1359209	1985-09-10	73518981	1985-01-23	TERMSEAL
CommScope, Inc. of North Carolina	2435047	2001-03-13	75903601	2000-01-27	The C in HFC
ARRIS Enterprises LLC	3069613	2006-03-21	76280089	2001-06-09	TOUCHSTONE
CommScope Technologies LLC	1437317	1987-04-21	73591687	1986-04-04	TRAC
CommScope Technologies LLC	2628761	2002-10-01	75867929	1999-12-10	TRACERLIGHT
ARRIS Enterprises LLC	4104916	2012-02-28	85345826	2011-06-14	TRANS MAX
CommScope Technologies LLC	2546021	2002-03-12	75981105	1999-07-12	TRUENET
ARRIS Enterprises LLC	2212298	1998-12-22	75266963	1997-03-31	TURBOIRON
CommScope Technologies LLC	1027817	1975-12-23	73033496	1974-10-02	UHX
CommScope, Inc. of North Carolina	2188872	1998-09-15	75226664	1997-01-15	UltraHome
CommScope, Inc. of North Carolina	3323526	2007-10-30	77111093	2007-02-20	UltraMedia

PLEDGOR	REGISTRATION NUMBER	REG. DATE	APPLICATION NUMBER	APP. DATE	TRADEMARK
CommScope, Inc. of North Carolina	2552137	2002-03-26	76132307	2000-09-21	UltraPipe
CommScope Technologies LLC	1833148	1994-04-26	74211960	1991-10-15	UNIPATCH
CommScope, Inc. of North Carolina	3024567	2005-12-06	78370565	2004-02-19	Uniprise
CommScope, Inc. of North Carolina	3163109	2006-10-24	76589237	2004-04-27	Uniprise Solutions
CommScope Technologies LLC	3860385	2010-10-12	77950389	2010-03-04	ValuLine
CommScope Technologies LLC	1858127	1994-10-11	74340489	1992-12-16	ValuLine & Design
CommScope, Inc. of North Carolina	2634837	2002-10-15	76314868	2001-09-20	VEXTRA
CommScope, Inc. of North Carolina	2507683	2001-11-13	75721302	1999-06-04	VisiPatch
CommScope, Inc. of North Carolina	3366457	2008-01-08	77051145	2006-11-27	VisiPatch 360
CommScope, Inc. of North Carolina	1418255	1986-11-25	73597130	1986-05-05	WE TOTE
CommScope, Inc. of North Carolina	2841158	2004-05-11	76433408	2002-07-16	WebTrak
ARRIS Enterprises LLC	4968845	2016-05-31	86818230	2015-11-12	WORKASSURE
CommScope Technologies LLC	1659753	1991-10-08	74112189	1990-11-05	WRSS
CommScope Technologies LLC	1173989	1981-10-20	73260652	1980-05-05	XAGA
CommScope Technologies LLC	1878534	1995-02-14	74488870	1994-02-10	XAGA FOSC
ARRIS Enterprises LLC	4868034	2015-12-08	86403674	2014-09-23	XCLAIM
ARRIS Enterprises LLC	4868035	2015-12-08	86403676	2014-09-23	XCLAIM
ARRIS Enterprises LLC	4868032	2015-12-08	86403664	2014-09-23	XCLAIM & Design
ARRIS Enterprises LLC	4868033	2015-12-08	86403672	2014-09-23	XCLAIM & Design
ARRIS Enterprises LLC	5061882	2016-10-18	86587859	2015-04-06	XPRESSCONNECT
CommScope, Inc. of North Carolina	3541568	2008-12-02	77375238	2008-01-18	XpressPrep

## 2. Trademark Application

Owner Name	App Number	App date	Trademark Name	ITU— yes or no
ARRIS Enterprises LLC	90805675	2021-07-01	BLE	No
ARRIS Enterprises LLC	90805680	2021-07-01	CORVIEW	NO
ARRIS Enterprises LLC	90805686	2021-07-01	MINIBRIDGER	NO
ARRIS Enterprises LLC	90805673	2021-07-01	NC4000	NO
ARRIS Enterprises LLC	90801178	2021-06-29	OM4100	NO
ARRIS Enterprises LLC	90804704	2021-06-30	OM4120	NO
ARRIS Enterprises LLC	90804625	2021-06-30	OM6000	NO
ARRIS Enterprises LLC	90506653	2021-02-03	OPTI MAX	NO
ARRIS Enterprises LLC	90593885	2021-03-22	RUCKCAST	NO
ARRIS Enterprises LLC	90605048	2021-03-26	RUCKCAST	NO
ARRIS Enterprises LLC	90804616	2021-06-30	STARLINE	NO
CommScope, Inc. of North Carolina	90519816	2021-02-09	SYSTIMAX	NO
ARRIS Enterprises LLC	90594028	2021-03-22	WHAT'S THAT RUCKUS	NO