

Product Specifications

COMMScope®



F1-UMMU-3

FSJ1-50A Jumper with interface types UHF Male and UHF Male, 0.91 m

Product Classification

Product Series	FSJ1-50A
Product Type	SureFlex® standard

General Specifications

Body Style, Connector A	Straight
Body Style, Connector B	Straight
Cable Family	FSJ1-50A
Interface, Connector A	UHF Male
Interface, Connector B	UHF Male
Length	0.910 m 2.986 ft
Nominal Size	1/4 in
Specification Sheet Revision Level	A

Electrical Specifications

DTF, Connector A	-10.00 dB
DTF, Connector B	-10.00 dB

Jumper Assembly Sample Label

Batch Manufacturing Date (two digit year and week)

Manufacturing Plant Product Revision

0123456789 US22 1240 /A

COMMScope® Andrew Solutions™

F4-DMDM-2M-D Part Number

2 M (6.562 FT)
SUREFLEX ASSEMBLY
U.S. PATENT 5802710
Product of UNITED STATES

12US220001242 Serial Number

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

Product Specifications

COMMSCOPE®

F1-UMMU-3



Included Products

FSJ1-50A — FSJ1-50A, HELIAX® Superflexible Low Density Foam Coaxial Cable, corrugated copper, 1/4 in, black PE jacket

F1MU — Mini UHF Male for 1/4 in FSJ1-50A cable

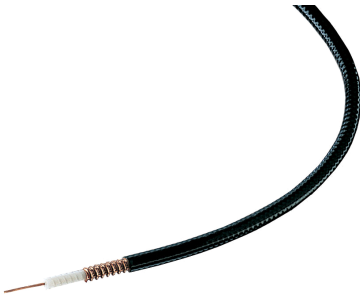
FSJ1RK-50B — FSJ1-50B, HELIAX® Superflexible Foam Coaxial Cable, corrugated copper, 1/4 in, black non-halogenated, fire retardant polyolefin jacket B2CA s1a, dO Compliant

35422-75 — Heat Treated FSJ1RK-50B, HELIAX® Superflexible Foam Coaxial Cable, corrugated copper, 1/4 in, black non-halogenated, fire retardant polyolefin jacket

35422-33 — Heat Treated FSJ1-50A, HELIAX® Superflexible Low Density Foam Coaxial Cable, corrugated copper, 1/4 in, black PE Jacket

Product Specifications

COMMSCOPE®



FSJ1-50A

FSJ1-50A, HELIAX® Superflexible Low Density Foam Coaxial Cable, corrugated copper, 1/4 in, black PE jacket

Product Classification

Brand	HELIAX® SureFlex®
Product Series	FSJ1-50A
Product Type	Coaxial wireless cable

Construction Materials

Jacket Material	PE
Outer Conductor Material	Corrugated copper
Dielectric Material	Foam PE
Flexibility	Superflexible
Inner Conductor Material	Copper-clad aluminum wire
Jacket Color	Black

Dimensions

Nominal Size	1/4 in
Cable Length	0 km
Cable Weight	0.05 lb/ft 0.07 kg/m
Diameter Over Dielectric	4.826 mm 0.190 in
Diameter Over Jacket	7.366 mm 0.290 in
Inner Conductor OD	1.9050 mm 0.0750 in
Outer Conductor OD	6.350 mm 0.250 in

Electrical Specifications

Cable Impedance	50 ohm $\pm$ 1 ohm
Capacitance	24.2 pF/ft 79.4 pF/m
dc Resistance, Inner Conductor	3.000 ohms/kft 9.843 ohms/km
dc Resistance, Outer Conductor	2.000 ohms/kft 6.562 ohms/km
dc Test Voltage	1600 V
Inductance	0.200 μ H/m 0.061 μ H/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	5000 V
Operating Frequency Band	1 – 18000 MHz
Peak Power	6.4 kW
Velocity	82%

Environmental Specifications

Product Specifications

COMMScope®

FSJ1-50A

Installation Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-70 °C to +85 °C (-94 °F to +185 °F)

General Specifications

Brand	HELIAX®
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Mechanical Specifications

Bending Moment	1.1 N-m 0.8 ft lb
Flat Plate Crush Strength	100.0 lb/in 1.8 kg/mm
Minimum Bend Radius, Multiple Bends	25.40 mm 1.00 in
Minimum Bend Radius, Single Bend	25.40 mm 1.00 in
Number of Bends, minimum	15
Number of Bends, typical	20
Tensile Strength	68 kg 150 lb

Note

Performance Note	Values typical, unless otherwise stated
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Standard Conditions

Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °F
Average Power, Inner Conductor Temperature	100 °C 212 °F

Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
680–960 MHz	1.2	20.80
1700–2200 MHz	1.2	20.80
2200–2700 MHz	1.43	15.00

Product Specifications

COMMSCOPE®

FSJ1-50A

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)	Average Power (kW)
0.5	0.407	0.124	6.40
1	0.577	0.176	6.40
1.5	0.707	0.215	6.40
2	0.816	0.249	6.40
10	1.833	0.559	3.99
20	2.6	0.792	2.81
30	3.192	0.973	2.29
50	4.136	1.261	1.77
85	5.419	1.652	1.35
88	5.516	1.681	1.33
100	5.889	1.795	1.24
108	6.125	1.867	1.19
150	7.25	2.21	1.01
174	7.825	2.385	0.93
200	8.408	2.563	0.87
204	8.495	2.589	0.86
300	10.373	3.162	0.71
400	12.051	3.673	0.61
450	12.817	3.906	0.57
500	13.545	4.128	0.54
512	13.715	4.18	0.53
600	14.909	4.544	0.49
700	16.175	4.93	0.45
800	17.362	5.292	0.42
824	17.637	5.376	0.41
894	18.42	5.614	0.40
960	19.134	5.832	0.38
1000	19.556	5.96	0.37
1218	21.738	6.626	0.34
1250	22.044	6.719	0.33
1500	24.326	7.414	0.30
1700	26.038	7.936	0.28
1794	26.813	8.172	0.27
1800	26.862	8.187	0.27
2000	28.455	8.673	0.26
2100	29.227	8.908	0.25
2200	29.984	9.139	0.24
2300	30.727	9.365	0.24
2500	32.174	9.806	0.23
2700	33.576	10.233	0.22
3000	35.602	10.851	0.21
3400	38.183	11.638	0.19
3700	40.041	12.204	0.18
4000	41.841	12.753	0.17
5000	47.5	14.477	0.15
6000	52.747	16.077	0.14
8000	62.37	19.01	0.12
8800	65.974	20.108	0.11
10000	71.173	21.693	0.10
12000	79.393	24.198	0.09
14000	87.172	26.569	0.08
15800	93.872	28.611	0.08
16000	94.601	28.833	0.08

Product Specifications

COMMScope®

FSJ1-50A

18000	101.745	31.01	0.07
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* Values typical, guaranteed within 5%

Regulatory Compliance/Certifications

Agency

UL/ETL Certification
RoHS 2011/65/EU
China RoHS SJ/T 11364-2006
ISO 9001:2008

Classification

Compliant
Compliant
Below Maximum Concentration Value (MCV)
Designed, manufactured and/or distributed under this quality management system



Product Specifications

COMMSCOPE®



F1MU

Mini UHF Male for 1/4 in FSJ1-50A cable

Product Classification

Brand	HELIAX®
Product Type	Wireless and radiating connector

General Specifications

Interface	Mini UHF Male
Body Style	Straight
Brand	HELIAX®
Mounting Angle	Straight

Electrical Specifications

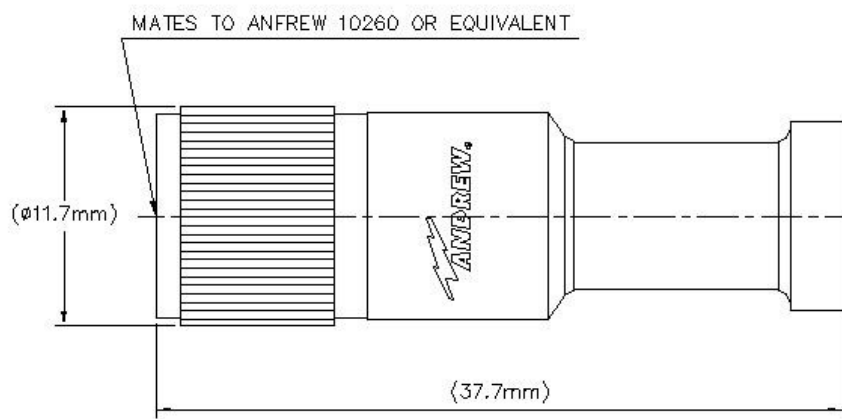
Connector Impedance	50 ohm
Operating Frequency Band	0 – 1000 MHz
Cable Impedance	50 ohm
3rd Order IMD, typical	-112 dBm @ 910 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
Insulation Resistance, minimum	5000 MOhm
Average Power	0.4 kW @ 900 MHz

Product Specifications

COMMSCOPE®

F1MU

Outline Drawing



Mechanical Specifications

Outer Contact Attachment Method	Crimp
Inner Contact Attachment Method	Captivated
Outer Contact Plating	Trimetal
Inner Contact Plating	Silver
Interface Durability	500 cycles
Interface Durability Method	IEC 61169-4:17
Connector Retention Tensile Force	450 N 101 lbf
Pressurizable	No

Dimensions

Nominal Size	1/4 in
Diameter	11.68 mm 0.46 in
Height	11.68 mm 0.46 in
Length	37.71 mm 1.48 in
Weight	13.60 g 0.03 lb
Width	11.68 mm 0.46 in

Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Moisture Resistance Test Method	IEC 60068-2-3
Mechanical Shock Test Method	IEC 60068-2-27
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6
Corrosion Test Method	IEC 60068-2-11

Product Specifications

COMMScope®

F1MU

Standard Conditions

Attenuation, Ambient Temperature	20 °C		68 °F
Average Power, Ambient Temperature	40 °C		104 °F
Average Power, Inner Conductor Temperature	100 °C		212 °F

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
China RoHS SJ/T 11364-2006
ISO 9001:2008

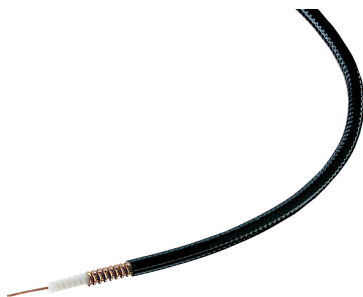
Classification

Compliant by Exemption
Above Maximum Concentration Value (MCV)
Designed, manufactured and/or distributed under this quality management system



Product Specifications

COMMSCOPE®



FSJ1RK-50B

FSJ1-50B, HELIAX® Superflexible Foam Coaxial Cable, corrugated copper, 1/4 in, black non-halogenated, fire retardant polyolefin jacket B2CA s1a, d0 Compliant

Product Classification

Brand	HELIAX® SureFlex®
Product Series	FSJ1-50B
Product Type	Coaxial wireless cable

Standards And Qualifications

EN50575 CPR Cable EuroClass	B2ca s1a d0
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Construction Materials

Jacket Material	Non-halogenated, fire retardant polyolefin
Outer Conductor Material	Corrugated copper
Dielectric Material	Foam PE
Flexibility	Superflexible
Inner Conductor Material	Copper-clad aluminum wire
Jacket Color	Black

Dimensions

Nominal Size	1/4 in
Cable Weight	0.05 lb/ft 0.07 kg/m
Diameter Over Dielectric	4.826 mm 0.190 in
Diameter Over Jacket	7.620 mm 0.300 in
Inner Conductor OD	1.9050 mm 0.0750 in
Outer Conductor OD	6.350 mm 0.250 in

Electrical Specifications

Cable Impedance	50 ohm $\pm$ 1 ohm
Capacitance	24.2 pF/ft 79.4 pF/m
dc Resistance, Inner Conductor	3.000 ohms/kft 9.843 ohms/km
dc Resistance, Outer Conductor	2.000 ohms/kft 6.562 ohms/km
dc Test Voltage	1600 V
Inductance	0.200 μ H/m 0.061 μ H/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	4000 V
Operating Frequency Band	1 – 18000 MHz
Peak Power	6.4 kW
Velocity	82%

Product Specifications

COMMSCOPE®

FSJ1RK-50B

Environmental Specifications

Installation Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)

General Specifications

Brand	HELIAX®
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Mechanical Specifications

Bending Moment	1.1 N-m 0.8 ft lb
Fire Retardancy Test Method	NFPA 130-2010 UL 1666/CATVR/CMR
Flat Plate Crush Strength	100.0 lb/in 1.8 kg/mm
Minimum Bend Radius, Multiple Bends	25.40 mm 1.00 in
Minimum Bend Radius, Single Bend	25.40 mm 1.00 in
Number of Bends, minimum	15
Number of Bends, typical	20
Smoke Index Test Method	IEC 61034
Tensile Strength	68 kg 150 lb
Toxicity Index Test Method	IEC 60754-1 IEC 60754-2

Note

Performance Note	Values typical, unless otherwise stated
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Standard Conditions

Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °F
Average Power, Inner Conductor Temperature	100 °C 212 °F

Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
680–960 MHz	1.2	20.80
1700–2200 MHz	1.2	20.80
2200–2700 MHz	1.43	15.00

Product Specifications

COMMSCOPE®

FSJ1RK-50B

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)	Average Power (kW)
0.5	0.407	0.124	6.40
1	0.577	0.176	6.40
1.5	0.707	0.215	6.40
2	0.816	0.249	6.40
10	1.833	0.559	3.99
20	2.6	0.792	2.81
30	3.192	0.973	2.29
50	4.136	1.261	1.77
85	5.419	1.652	1.35
88	5.516	1.681	1.33
100	5.889	1.795	1.24
108	6.125	1.867	1.19
150	7.25	2.21	1.01
174	7.825	2.385	0.93
200	8.408	2.563	0.87
204	8.495	2.589	0.86
300	10.373	3.162	0.71
400	12.051	3.673	0.61
450	12.817	3.906	0.57
500	13.545	4.128	0.54
512	13.715	4.18	0.53
600	14.909	4.544	0.49
700	16.175	4.93	0.45
800	17.362	5.292	0.42
824	17.637	5.376	0.41
894	18.42	5.614	0.40
960	19.134	5.832	0.38
1000	19.556	5.96	0.37
1218	21.738	6.626	0.34
1250	22.044	6.719	0.33
1500	24.326	7.414	0.30
1700	26.038	7.936	0.28
1794	26.813	8.172	0.27
1800	26.862	8.187	0.27
2000	28.455	8.673	0.26
2100	29.227	8.908	0.25
2200	29.984	9.139	0.24
2300	30.727	9.365	0.24
2500	32.174	9.806	0.23
2700	33.576	10.233	0.22
3000	35.602	10.851	0.21
3400	38.183	11.638	0.19
3700	40.041	12.204	0.18
4000	41.841	12.753	0.17
5000	47.5	14.477	0.15
6000	52.747	16.077	0.14
8000	62.37	19.01	0.12
8800	65.974	20.108	0.11
10000	71.173	21.693	0.10
12000	79.393	24.198	0.09
14000	87.172	26.569	0.08
15800	93.872	28.611	0.08
16000	94.601	28.833	0.08

Product Specifications

COMMScope®

FSJ1RK-50B

18000	101.745	31.01	0.07
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* Values typical, guaranteed within 5%

Regulatory Compliance/Certifications

Agency

UL/ETL Certification
RoHS 2011/65/EU
China RoHS SJ/T 11364-2006
ISO 9001:2008

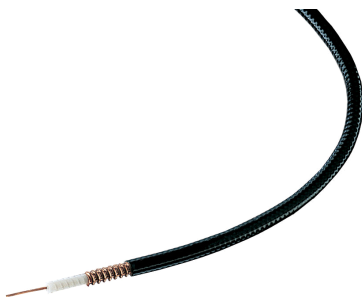
Classification

Compliant
Compliant
Below Maximum Concentration Value (MCV)
Designed, manufactured and/or distributed under this quality management system



Product Specifications

COMMSCOPE®



35422-75

Heat Treated FSJ1RK-50B, HELIAX® Superflexible Foam Coaxial Cable, corrugated copper, 1/4 in, black non-halogenated, fire retardant polyolefin jacket

Product Classification

Brand	HELIAX®
Product Series	FSJ1-50B
Product Type	Coaxial wireless cable

Construction Materials

Jacket Material	Non-halogenated, fire retardant polyolefin
Outer Conductor Material	Corrugated copper
Dielectric Material	Foam PE
Flexibility	Superflexible
Inner Conductor Material	Copper-clad aluminum wire
Jacket Color	Black

Dimensions

Nominal Size	1/4 in
Cable Weight	0.05 lb/ft 0.07 kg/m
Diameter Over Dielectric	4.826 mm 0.190 in
Diameter Over Jacket	7.620 mm 0.300 in
Inner Conductor OD	1.9050 mm 0.0750 in
Outer Conductor OD	6.350 mm 0.250 in

Electrical Specifications

Cable Impedance	50 ohm $\pm$ 1 ohm
Capacitance	24.2 pF/ft 79.4 pF/m
dc Resistance, Inner Conductor	3.000 ohms/kft 9.843 ohms/km
dc Resistance, Outer Conductor	2.000 ohms/kft 6.562 ohms/km
dc Test Voltage	1600 V
Inductance	0.200 μ H/m 0.061 μ H/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	4000 V
Operating Frequency Band	1 – 18000 MHz
Peak Power	6.4 kW
Velocity	82%

Environmental Specifications

Installation Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
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Product Specifications

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35422-75

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)

General Specifications

Brand	HELIAX®
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Mechanical Specifications

Bending Moment	1.1 N-m 0.8 ft lb
Fire Retardancy Test Method	UL 1666/CATVR/CMR
Flat Plate Crush Strength	100.0 lb/in 1.8 kg/mm
Minimum Bend Radius, Multiple Bends	25.40 mm 1.00 in
Minimum Bend Radius, Single Bend	25.40 mm 1.00 in
Number of Bends, minimum	15
Number of Bends, typical	20
Smoke Index Test Method	IEC 61034
Tensile Strength	68 kg 150 lb
Toxicity Index Test Method	IEC 60754-1 IEC 60754-2

Note

Performance Note	Values typical, unless otherwise stated
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Standard Conditions

Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °F
Average Power, Inner Conductor Temperature	100 °C 212 °F

Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
680–960 MHz	1.2	20.80
1700–2200 MHz	1.2	20.80
2200–2700 MHz	1.43	15.00

Product Specifications

COMMSCOPE®

35422-75

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)	Average Power (kW)
0.5	0.407	0.124	6.40
1	0.577	0.176	6.40
1.5	0.707	0.215	6.40
2	0.816	0.249	6.40
10	1.833	0.559	3.99
20	2.6	0.792	2.81
30	3.192	0.973	2.29
50	4.136	1.261	1.77
85	5.419	1.652	1.35
88	5.516	1.681	1.33
100	5.889	1.795	1.24
108	6.125	1.867	1.19
150	7.25	2.21	1.01
174	7.825	2.385	0.93
200	8.408	2.563	0.87
204	8.495	2.589	0.86
300	10.373	3.162	0.71
400	12.051	3.673	0.61
450	12.817	3.906	0.57
500	13.545	4.128	0.54
512	13.715	4.18	0.53
600	14.909	4.544	0.49
700	16.175	4.93	0.45
800	17.362	5.292	0.42
824	17.637	5.376	0.41
894	18.42	5.614	0.40
960	19.134	5.832	0.38
1000	19.556	5.96	0.37
1218	21.738	6.626	0.34
1250	22.044	6.719	0.33
1500	24.326	7.414	0.30
1700	26.038	7.936	0.28
1794	26.813	8.172	0.27
1800	26.862	8.187	0.27
2000	28.455	8.673	0.26
2100	29.227	8.908	0.25
2200	29.984	9.139	0.24
2300	30.727	9.365	0.24
2500	32.174	9.806	0.23
2700	33.576	10.233	0.22
3000	35.602	10.851	0.21
3400	38.183	11.638	0.19
3700	40.041	12.204	0.18
4000	41.841	12.753	0.17
5000	47.5	14.477	0.15
6000	52.747	16.077	0.14
8000	62.37	19.01	0.12
8800	65.974	20.108	0.11
10000	71.173	21.693	0.10
12000	79.393	24.198	0.09
14000	87.172	26.569	0.08
15800	93.872	28.611	0.08
16000	94.601	28.833	0.08

Product Specifications

COMMScope®

35422-75

18000

101.745

31.01

0.07

* Values typical, guaranteed within 5%

Regulatory Compliance/Certifications

Agency

UL/ETL Certification

RoHS 2011/65/EU

China RoHS SJ/T 11364-2006

ISO 9001:2008

Classification

Compliant

Compliant

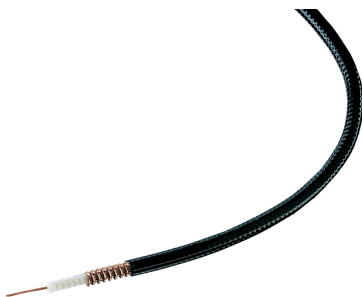
Below Maximum Concentration Value (MCV)

Designed, manufactured and/or distributed under this quality management system



Product Specifications

COMMSCOPE®



35422-33

Heat Treated FSJ1-50A, HELIAX® Superflexible Low Density Foam Coaxial Cable, corrugated copper, 1/4 in, black PE Jacket

Product Classification

Brand	HELIAX®
Product Series	FSJ1-50A
Product Type	Coaxial wireless cable

Construction Materials

Jacket Material	PE
Outer Conductor Material	Corrugated copper
Dielectric Material	Foam PE
Flexibility	Superflexible
Inner Conductor Material	Copper-clad aluminum wire
Jacket Color	Black

Dimensions

Nominal Size	1/4 in
Cable Weight	0.05 lb/ft 0.07 kg/m
Diameter Over Dielectric	4.826 mm 0.190 in
Diameter Over Jacket	7.366 mm 0.290 in
Inner Conductor OD	1.9050 mm 0.0750 in
Outer Conductor OD	6.350 mm 0.250 in

Electrical Specifications

Cable Impedance	50 ohm $\pm$ 1 ohm
Capacitance	24.2 pF/ft 79.4 pF/m
dc Resistance, Inner Conductor	3.000 ohms/kft 9.843 ohms/km
dc Resistance, Outer Conductor	2.000 ohms/kft 6.562 ohms/km
dc Test Voltage	1600 V
Inductance	0.200 μ H/m 0.061 μ H/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	5000 V
Operating Frequency Band	1 – 18000 MHz
Peak Power	6.4 kW
Velocity	82%

Environmental Specifications

Installation Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
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Product Specifications

COMMSCOPE®

35422-33

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-70 °C to +85 °C (-94 °F to +185 °F)

General Specifications

Brand	HELIAX®
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Mechanical Specifications

Bending Moment	1.1 N-m 0.8 ft lb
Flat Plate Crush Strength	100.0 lb/in 1.8 kg/mm
Minimum Bend Radius, Multiple Bends	25.40 mm 1.00 in
Minimum Bend Radius, Single Bend	25.40 mm 1.00 in
Number of Bends, minimum	15
Number of Bends, typical	20
Tensile Strength	68 kg 150 lb

Note

Performance Note	Values typical, unless otherwise stated
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Standard Conditions

Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °F
Average Power, Inner Conductor Temperature	100 °C 212 °F

Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
680–960 MHz	1.2	20.80
1700–2200 MHz	1.2	20.80
2200–2700 MHz	1.43	15.00

Electrical Performance

Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
0.5 MHz	0.41	0.12
1 MHz	0.58	0.18
1.5 MHz	0.71	0.22
2 MHz	0.82	0.25
10 MHz	1.83	0.56
20 MHz	2.60	0.79
30 MHz	3.19	0.97
50 MHz	4.14	1.26
85 MHz	5.42	1.65
88 MHz	5.52	1.68
100 MHz	5.89	1.80
108 MHz	6.13	1.87
150 MHz	7.25	2.21
174 MHz	7.83	2.39
200 MHz	8.41	2.56
204 MHz	8.50	2.59
300 MHz	10.37	3.16

Product Specifications

COMMSCOPE®

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400 MHz	12.05	3.67
450 MHz	12.82	3.91
500 MHz	13.55	4.13
512 MHz	13.72	4.18
600 MHz	14.91	4.54
700 MHz	16.18	4.93
800 MHz	17.36	5.29
824 MHz	17.64	5.38
894 MHz	18.42	5.61
960 MHz	19.13	5.83
1000 MHz	19.56	5.96
1218 MHz	21.74	6.63
1250 MHz	22.04	6.72
1500 MHz	24.33	7.41
1700 MHz	26.04	7.94
1794 MHz	26.81	8.17
1800 MHz	26.86	8.19
2000 MHz	28.46	8.67
2100 MHz	29.23	8.91
2200 MHz	29.98	9.14
2300 MHz	30.73	9.37
2500 MHz	32.17	9.81
2700 MHz	33.58	10.23
3000 MHz	35.60	10.85
3400 MHz	38.18	11.64
3700 MHz	40.04	12.20
4000 MHz	41.84	12.75
5000 MHz	47.50	14.48
6000 MHz	52.75	16.08
8000 MHz	62.37	19.01
8800 MHz	65.97	20.11
10000 MHz	71.17	21.69
12000 MHz	79.39	24.20
14000 MHz	87.17	26.57
15800 MHz	93.87	28.61
16000 MHz	94.60	28.83
18000 MHz	101.75	31.01

* Values typical, guaranteed within 5%

Regulatory Compliance/Certifications

Agency	Classification
UL/ETL Certification	Compliant
RoHS 2011/65/EU	Compliant
China RoHS SJ/T 11364-2006	Below Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

