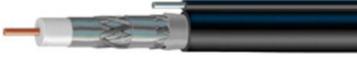


SZ4901504 | F11SSVM APD SM MT

Coaxial Drop Cable, 75 Ohm, Series 11, black PVC jacket with messenger and APD® floodant



OBSOLETE

Product Classification

Product Type	Coaxial drop cable
Product Series	11 Series
Warranty	One year

General Specifications

Cable Type	Series 11
Center Conductor Type	Solid
Jacket Color	Black
Jacket Marking	Meters
Messenger Wire Type	Solid
Performance Note	Attenuation listed represents maximum values at standard condition of 20 °C (68 °F)
Shield Construction Type	Quad shield

Dimensions

Diameter Over Center Conductor, nominal	1.626 mm 0.064 in
Diameter Over Dielectric, nominal	7.112 mm 0.28 in
Diameter Over Inner Shield (Tape), nominal	7.29 mm 0.287 in
Diameter Over Jacket, nominal	10.338 mm 0.407 in
Diameter Over Messenger Wire, nominal	1.829 mm 0.072 in
Jacket Thickness, nominal	0.94 mm 0.037 in
Center Conductor Gauge	14 AWG

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Inner Shield (Braid) Gauge	34 AWG
Outer Shield (Braid) Gauge	34 AWG

Electrical Specifications

Capacitance	53.15 pF/m 16.2 pF/ft
Characteristic Impedance	75 ohm
Characteristic Impedance Tolerance	±3 ohm
dc Resistance Note	Nominal values based on a standard condition of 20 °C (68 °F)
dc Resistance, Inner Conductor, nominal	41.011 ohms/km 12.5 ohms/kft
dc Resistance, Loop, nominal	53.15 ohms/km 16.2 ohms/kft
dc Resistance, Outer Conductor, nominal	12.139 ohms/km 3.7 ohms/kft
Nominal Velocity of Propagation (NVP)	85 %
Operating Frequency Band	5–3000 MHz
Structural Return Loss, Grade A	=15 dB @ 1801–3000 MHz =20 dB @ 5–1800 MHz

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
5.0	1.25	0.38
55.0	3.15	0.96
83.0	3.87	1.18
85.0	3.9	1.19
187.0	5.74	1.75
204.0	6.14	1.87
211.0	6.23	1.9
250.0	6.72	2.05
300.0	7.38	2.25
350.0	7.94	2.42
400.0	8.53	2.6
450.0	9.02	2.75
500.0	9.51	2.9
550.0	9.97	3.04
600.0	10.43	3.18
750.0	11.97	3.65
865.0	13.05	3.98

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1000.0	14.27	4.35
1218.0	16.14	4.92
1300.0	16.44	5.01
1400.0	17.13	5.22
1500.0	17.79	5.42
1600.0	18.44	5.62
1700.0	19.08	5.81
1794.0	19.66	5.99
1800.0	19.7	6
2000.0	20.89	6.37
2200.0	22.05	6.72
2500.0	23.7	7.22
2800.0	25.28	7.71
3000.0	26.3	8.02

Material Specifications

Center Conductor Material	Copper-clad steel
Dielectric Material	Foam PE
Jacket Material	PVC
Messenger Wire Material	Zinc-coated steel
Inner Shield (Braid) Coverage	60 %
Inner Shield (Braid) Material	Aluminum
Inner Shield (Tape) Material	Aluminum/Polymer/Aluminum (APA) bonded
Outer Shield (Braid) Coverage	40 %
Outer Shield (Braid) Material	Aluminum
Outer Shield (Tape) Material	Aluminum/Polymer/Aluminum (APA)

Mechanical Specifications

Messenger Wire Breaking Strength, minimum	165.561 kg 365 lb
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Environmental Specifications

Corrosion Protection	APD®
Environmental Space	Aerial

Packaging and Weights

SZ4901504 | F11SSVM APD SM MT

Packaging Type

Reel

Weight, gross

133.935 kg/km | 90 lb/kft

Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

Below maximum concentration value

ISO 9001:2015

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

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant

