Product Specifications

4862204 | F11SSVM APD

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

Construction Materials

Corrosion Protection	APD®
Jacket Material	PVC
Center Conductor Material	Copper-clad steel
Dielectric Material	Foam PE
Inner Shield (Braid) Coverage	60 %
Inner Shield (Braid) Gauge	34 AWG
Inner Shield (Braid) Material	Aluminum
Inner Shield (Tape) Material	Aluminum/Polymer/Aluminum (APA) bonded
Messenger Wire Material	Zinc-coated steel
Outer Shield (Braid) Coverage	40 %
Outer Shield (Braid) Gauge	34 AWG
Outer Shield (Braid) Material	Aluminum
Outer Shield (Tape) Material	Aluminum/Polymer/Aluminum (APA)

Dimensions

Diameter Over Center Conductor, nominal	1.626 mm | 0.064 in
Diameter Over Dielectric, nominal	7.112 mm | 0.280 in
Diameter Over Inner Shield (Tape), nominal	7.290 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	0.9398 mm | 0.0370 in
Shipping Weight	90.00 lb/kft

Electrical Specifications

dc Resistance, Inner Conductor, nominal	12.50 ohms/kft
dc Resistance, Outer Conductor, nominal	3.70 ohms/kft
dc Resistance, Loop, nominal	16.20 ohms/kft
dc Resistance Note	Nominal values based on a standard condition of 20 °C (68 °F)
Capacitance	53.1 pF/m | 16.2 pF/ft
Characteristic Impedance	75 ohm
Characteristic Impedance Tolerance	±3 ohm
Nominal Velocity of Propagation (NVP)	85 %

Environmental Specifications

Environmental Space	Aerial

General Specifications

Cable Type	Series 11
Packaging Type	Reel
Shield Construction Type	Quad shield

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Product Specifications

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Center Conductor Gauge	14 AWG
Center Conductor Type	Solid
Jacket Color	Black
Jacket Marking	Feet
Messenger Wire Type	Solid
Warranty	One year

Mechanical Specifications

Messenger Wire Breaking Strength, minimum 166 kg | 365 lb

Electrical Performance

Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
5 MHz	1.25	0.38
55 MHz	3.15	0.96
83 MHz	3.87	1.18
85 MHz	3.90	1.19
187 MHz	5.74	1.75
204 MHz	6.14	1.87
211 MHz	6.23	1.90
250 MHz	6.72	2.05
300 MHz	7.38	2.25
350 MHz	7.94	2.42
400 MHz	8.53	2.60
450 MHz	9.02	2.75
500 MHz	9.51	2.90
550 MHz	9.97	3.04
600 MHz	10.43	3.18
750 MHz	11.97	3.65
865 MHz	13.05	3.98
1000 MHz	14.27	4.35
1218 MHz	16.14	4.92

** Attenuation listed represents maximum values at standard condition of 20 °C (68 °F)*

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

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