

Coaxial Cable, 1/2 Superflexible, Black



Product Classification

Item Number	6008328
Part Number	-
Detail Description	Coaxial Cable, 1/2 Superflexible, Black

General Specifications

Flexibility	Superflexible
Inner Conductor Material	Copper Clad Aluminum
Dielectric Material	Physical Foam Polyethylene
Outer Conductor Material	Helical Copper Tube
Jacket Material	PE
Cable Jacket Color	Black

Dimensions

Inner Conductor Diameter	3.6 mm 0.142 in
Dielectric Diameter	8.8 mm 0.346 in
Outer Conductor Diameter	12.1 mm 0.476 in
Jacket Diameter	13.4 mm 0.527 in
Normal Size	1/2" S

Environmental Specifications

Storage Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Installation Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)

Mechanical Specifications

Min Single Bending Radius	50 mm
Min Repeated Bending Radius	125 mm
No. of Bends	15
Tensile Strength	110 Kg

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Public

Electrical Specifications

Impedance	50 ohm
Capacitance	80 pF/m
Velocity of Propagation	83%
Peak Power	19 KW
RF Peak Voltage	1.13 KV
Insulation Resistance	> 5000 MΩ.km
Cutoff Frequency	12.5 GHz
Insulation Voltage (rms)	2.5 KV
Inner Conductor DC Resistance	2.85/1.78 Ω/km
Outer Conductor DC Resistance	3.5 Ω/km
Jacket Spark (rms)	5.0 KV
Shielding Effectiveness	> 120dB

Packaging and Weights

UOM	Meter
Weight, Gross	0.212 kg 0.467 lbs

Certifications and Compliance

ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
RoHS	Compliant

