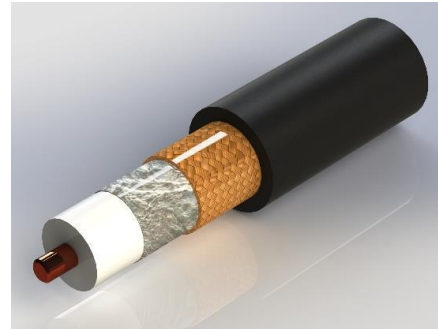


Part Number: 3810
Description: Low Loss Flexible Coaxial Cable

Application: LMR 400 Indoor/Outdoor Coaxial: WLL, GPS, LMR
Approvals/Ratings: n/a

Construction & Specifications

Conductor: 0.109"
Stranding: Solid
of Conductors: 1
Dielectric: Foam Polyethylene
Dielectric Thickness: 0.285"
Braid: Tinned Copper
Shield: Bonded Aluminum Mylar
Ripcord: n/a
Jacket: Polyethylene
Overall Diameter: 0.405"



Electrical & Environmental & Physical Properties



Bend Radius: 1.0 in.
Velocity of Propagation: 78 %
Impedance: 50 Ω
Capacitance: 23.9 pF/ft
Inductance: 0.060 uH/ft
Shielding Effectiveness: > 90 %
Max DC Resistance @ 20°C: 1.39 Ω/1000ft

Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800
Attenuation dB/100ft	0.7	0.9	1.5	1.9	2.7	3.9	5.1	5.7	6	6.8	10.8
Attenuation dB/100m	2.3	3.0	4.9	6.2	8.9	12.8	16.7	18.7	19.7	22.3	35.4
Avg. Power kW	2.77	2.14	1.22	1.00	0.69	0.48	0.36	0.33	0.31	0.28	0.17

Miscellaneous Information

Insulation Color*: Clear White
Jacket Color*: Black
Print*: JSC WIRE AND CABLE #3810 Communication Cable (LMR-400 Type) RoHS Proudly Made in the USA <seq. ft>
Weight: ≈ 78 Lbs/1000 feet
Put Up Length*: 500 feet, 1000 feet
Put Up Type*: Plastic Spools; Wood Spools
Packaging Type*: Corrugated Boxes; Domestic Wood Pallets

*Items can be customized. The customer accepts all factory lengths and +/- 10 percent of total order required.

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