

Contact

Copper LAN Product Inquiry
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RG-6 CATV Quad Shield Cable

Berk-Tek's CATV grade, RG-6 Quad Shield Coaxial Cables are designed to support a variety of CATV Hook-up applications.

Description

Standards/Flame Rating

- Non-plenum-UL 1581 CATV, CM
- UL 1666 CATVR, CMR
- Plenum-NFPA 262, CATVP, CMP

Features

- High-quality, flexible cables
- Available in plenum, riser and general purpose rated versions
- Cost effective design

Benefits

- Clear broadcasts, minimal interference
- Easy to terminate
- Universally accepted design

Standards

International

Manufacturer specification

RG-6 CATV Quad Shield Cable

Characteristics

Dimensional characteristics	
Length per reel	1000.0 ft
Usage characteristics	
Packaging	Reel
Field of application	Indoor

Product List

☎=Make to order, 🏭=Make to stock

Part Number	Description	Sheath colour	Fire safety
🏭 10058001	RG-6 Quad Shield CM Rated	Black	CM
🏭 10058000	RG-6 Quad Shield CM Rated	White	CM
🏭 10057997	RG-6 Quad Shield Plenum Rated	Black	Plenum Rated
🏭 10057996	RG-6 Quad Shield Plenum Rated	White	Plenum Rated
🏭 10065778	RG-6 Quad Shield Riser Rated	Black	Riser Rated
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Technical Data - Physical

Minimum Bend Radius	1.0 in. (25.4 mm)
Cables Temperature Rating	0-75°C

Technical Data - Dimensions

	CM/CMR		CMP	
	in.	mm	in.	mm
Inner Conductor	0.0403	1.02	0.0403	1.02
Dielectric	0.18	4.57	0.17	4.32
1st Outer Conductor (100%)	0.188	4.72	0.177	4.5
2nd Outer Conductor (60%)	0.212	5.38	0.202	5.13
3rd Outer Conductor (100%)	0.216	5.49	0.206	5.23
4th Outer Conductor (40%)	0.241	6.12	0.231	5.87
Jacket	0.297	7.54	0.271	6.88

Technical Data - Electrical

FREQUENCY (MHz)	CM, CMR		CMP	
	Attenuation dB/100 ft. (nom.)	Attenuation dB/100 ft. (max.)	Attenuation dB/100 ft. (nom.)	Attenuation dB/100 ft. (max.)
1 MHz	0.37	0.39	0.38	0.40
10 MHz	0.66	0.72	0.70	0.86
50 MHz	1.41	1.48	1.48	1.57
100 MHz	1.92	2.00	2.01	2.30
200 MHz	2.64	2.83	2.86	3.25

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400 MHz	3.73	4.00	4.23	4.80
700 MHz	5.05	5.40	5.96	6.71
900 MHz	5.79	6.20	6.96	7.90
1000 MHz	6.11	6.54	7.45	8.45
1200 MHz	6.73	7.18	8.34	9.26
1450 MHz	7.49	7.89	9.17	10.18
1800 MHz	8.43	8.87	10.22	11.34
2000 MHz	8.90	9.34	10.77	11.95
2200 MHz	9.35	9.80	11.54	12.53

Technical Data - Electrical

	CM/CMR		CMP	
Impedance (Ohms)	75± 3		75± 3	
Velocity of Propagation (%)	85		84	
Capacitance, Nominal	16.2 pF/ft	53.2 pF/m	15.6 pF/ft	51.2 pF/m
DC Resistance	Ohms/kft	Ohms/km	Ohms/kft	Ohms/km
Inner Conductor	30.4	100	30.4	100
Outer Conductor	4.88	16	5.01	16
Loop	35.3	116	35.4	116
SRL	5-1000 Mhz	20 dB min.	5-1000 Mhz	20 dB min.
	1000-2200 Mhz	15 dB min.	1000-2200 Mhz	15 dB min.

Selling delivery information

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