
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 Low Emission Cables
- Available in Plenum, Riser and General Purpose rated versions
- Flexible design

Benefits

- Clear Broadcasts, minimal interference
 - Easy to terminate
 - Universally accepted design
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Contact

Copper Product Inquiry
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RG-6 CATV Quad Shield Cable

Characteristics

Dimensional characteristics

Length per reel 1000.0 ft

Usage characteristics

Packaging Reel

Field of application Indoor

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	ATTENUATION	ATTENUATION	ATTENUATION
	dB/100 FT. (NOM.)	dB/100 FT. (MAX.)	dB/100 FT. (NOM.)	dB/100 FT. (MAX.)
1 MHz	0.37 dB	0.39 dB	0.38 dB	0.40 dB
10 MHz	0.66 dB	0.72 dB	0.70 dB	0.86 dB
50 MHz	1.41 dB	1.48 dB	1.48 dB	1.57 dB
100 MHz	1.92 dB	2.00 dB	2.01 dB	2.30 dB
200 MHz	2.64 dB	2.83 dB	2.86 dB	3.25 dB
400 MHz	3.73 dB	4.00 dB	4.23 dB	4.80 dB
700 MHz	5.05 dB	5.40 dB	5.96 dB	6.71 dB
900 MHz	5.79 dB	6.20 dB	6.96 dB	7.90 dB
1000 MHz	6.11 dB	6.54 dB	7.45 dB	8.45 dB
1200 MHz	6.73 dB	7.18 dB	8.34 dB	9.26 dB
1450 MHz	7.49 dB	7.89 dB	9.17 dB	10.18 dB
1800 MHz	8.43 dB	8.87 dB	10.22 dB	11.34 dB
2000 MHz	8.90 dB	9.34 dB	10.77 dB	11.95 dB

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2200 MHz	9.35 dB	9.80 dB	11.54 dB	12.53 dB
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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.

Product List

Berk-Tek P/N	Description	Sheath colour	Fire safety
10058001	RG-6 Quad Shield CM Rated	Black	CM
10058000	RG-6 Quad Shield CM Rated	White	CM
10058997	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