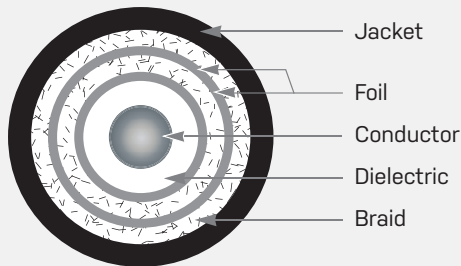
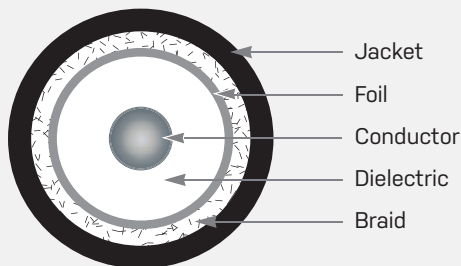


RG6 Coaxial

RG6x-x-xxx-x



RG-6/U



RG-6/Q

Description

- Flexible braided 75 ohm coaxial drop cable
- Support analog, digital and high-bandwidth technologies
- Maintains tight tolerances to cable diameter requirements of leading connector manufacturers
- Every master reel is tested for electrical performance compliance
- RoHS compliant

Application

- HDTV, CATV and CCTV
- Two-way cable modems
- Extended bandwidth satellite service

Certifications



Part Numbers

SHIELD/JACKET COLOR/PACKAGE	DESCRIPTION			
	RG 6 Coax Cable, CM (CL2) Rated		RG 6 Coax Cable, CMR (CL2R) Rated	
	Reelex II	Reel	Reelex II	Reel
Dual Shield (60%)/Black	RG6S-S-MBK-2	RG6S-S-MBK-4	RG6S-S-RBK-2	RG6S-S-RBK-4
Dual Shield (60%)/White	RG6S-S-MWH-2	RG6S-S-MWH-4	RG6S-S-RWH-2	RG6S-S-RWH-4
Quad Shield/Black	RG6Q-S-MBK-2	RG6Q-S-MBK-4	RG6Q-S-RBK-2	RG6Q-S-RBK-4
Quad Shield/White	RG6Q-S-MWH-2	RG6Q-S-MWH-4	RG6Q-S-RWH-2	RG6Q-S-RWH-4

Performance Characteristics

Attenuation @68°C (20°C)

FREQUENCY (MHZ)	INSERTION LOSS (ATTENUATION) MAXIMUM DB/100 M
55	5.25
211	10
250	10.82
270	11.04
300	11.64

FREQUENCY (MHZ)	INSERTION LOSS (ATTENUATION) MAXIMUM DB/100 M
330	12.26
350	12.63
400	13.61
450	14.43
500	15.29

FREQUENCY (MHZ)	INSERTION LOSS (ATTENUATION) MAXIMUM DB/100 M
550	16.08
600	16.3
750	18.54
870	20.04
1,000	21.49

Product Construction

STRUCTURE	MATERIAL	RG6/U	RG6/U Q
Inner conductor	Copper Clad Steel	1.02±0.01 mm (18AWG)	1.02±0.01 mm (18AWG)
Dielectric	Foamed PE	Nom. 4.57 mm	Nom. 4.57 mm
Outer 1st shield	Bonded Aluminum Foil	4.78±0.13 mm	4.78±0.13 mm
Outer 2nd shield	Aluminum Braid		
Outer 3rd shield	Aluminum Foil	None	
Outer 4th shield	Aluminum Braid	None	
Jacket (Thickness)	PVC	6.93±0.10 mm (Nom. 0.80 mm)	7.30±0.10 mm (Nom. 0.86 mm)

Technical Details

ITEM	UNIT	RISER	PLENUM		
Conduct Resistance (Inner)	Ω/km	≤102	≤102		
Conduct Resistance (DC Loop)	Ω/km	≤150	≤145		
Capacitance (pF/m)	pF/m	50±3	50±3		
Relative Propagation Velocity	%	≥82	≥82		
SRL (dB) [5MHz-1000MHz]	dB	20	20		
SRL (dB) [1000MHz-3000MHz]	dB	15	15		
Impedance	Ω	75±3	75±3		
Operating Temperature	°F °C	-4 to +140 (-20 to 60)	-4 to +140 (-20 to 60)		
Packaging	Reelex II	Type	1 kft (305 m)	Reelex II	Reelex II
		Weight	lb/kft (kg/km)	29 (43)	34 (51)
		Packages Per Pallet		20	20
	Reel	Type		Reel	Reel
		Weight		29 (43)	29 (43)
		Packages Per Pallet		48	48
Approvals	Safety	UL 444, UL 1685	UL 444, UL 1685		