

Plenum Grade RG-59/U Coaxial Cables for CCTV & Video

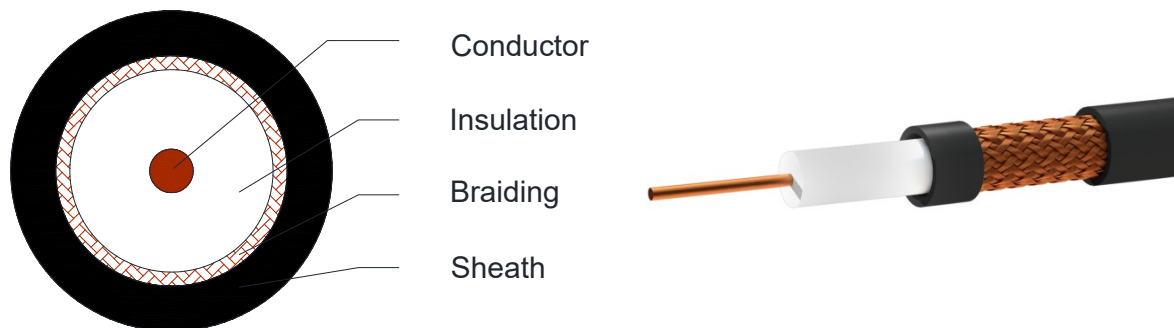


C8528

Applications

CCTV and Video

Cross Section Drawing



Design

Unit	Properties
Conductor	Solid Bare Copper
Dielectric	Foamed FEP
Braid	Copper Clad Aluminium
Sheath	Plenum Grade Flame-Retardant Polyvinyl Chloride (CMP PVC) Standard Colour: Black
Standard Put Up Length	305 or 500 metres

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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Physical Characteristics

Part Number	C8528
Nom. Diameter Conductor(mm)	0.82
Nom. Diameter Dielectric	3.43
Coverage Braid (%)	95
Nom. Sheath Thickness (mm)	0.38
Nom. Overall Diameter(mm)	4.9
Operating Temperature (°C)	-20 to +75

Electrical Characteristics at 20°C

Part Number	C8528
Impedance (Ohm)	75 ± 3
Max. DC Resistance Conductor (Ω/km)	34.4
Nominal Capacitance (pF/m)	52.5
Velocity of Propagation (%)	84
Min. SRL 1 to 300MHz (dB)	20

Nominal Attenuation in dB/100m

MHz	1	10	100	200	400	700	900	1000
Value	1.15	3.44	11.8	17.05	25.24	35.41	40.65	43.28

Reference Standards

(BS) EN 50290-2	IEC 61196
(BS) EN 50117	RoHS directives
NFC 725.154(A)	ANSI/NFPA 262