

RG 6 Coaxial Cable 75 Ohm Al Braid 60% Coverage Cable



As a premium coaxial cable manufacturer, Hosiwell manufactures the RG 6 Type coaxial cables Series in best quality. Hosiwell RG 6 Type coaxial cable become the standard for CATV/MATV, Broadband, HDTV and Satellite Broadcasting transmission use, has a copper covered steel center conductor and a combination Inner shield aluminum-polypropylene-aluminated tape with overlap bonded to dielectric. Outer shield of 0.12 mm bare aluminum braid wire, typically with low coverage about 60%. RG 6 can be used as a branch cable with Standard Transmission distance up to 600 meter.

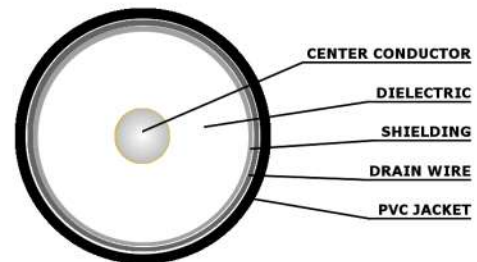
CABLE CONSTRUCTION

P/N D-RG6-S60-E

Conductor	Copper Clad Steel
Insulation	Gas Expanded Polyethylene
Shielding (Coverage 100%)	Aluminum-Polypropylene-Aluminum, Overlap boned.
Drain Wire (Coverage 60%)	Aluminum Braid
Outer Jacket, Colour	PVC, White/Black

PHYSICAL CHARACTERISTICS

Center Conductor Diameter	1.02 mm
Insulation Thickness	4.57 mm
Braid Wire Diameter	0.12 mm
No. of Braid Wire	80
Braid Wire Coverage	60%
Outer Jacket thickness	0.88 mm
Outer Jacket Diameter	6.91 mm
Max. Recommended Pulling Tension	470 N
Min. Bending Radius Minor Axis	69.1 mm
Operation Temperature	-20°C to 75°C



COMPLIANCE

- UL Standard 1655
- UL 1685 Vertical Tray
- UL Approvals

ELECTRICAL CHARACTERISTICS

Characteristic Impedance	75.0± 3.0 Ω
Capacitance	53.1 pf/m
Center Conductor DCR	< 100 Ω/km
Velocity of Propagation	85 %
Return Loss (5-6000 MHz)	23.0 dB

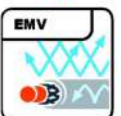
JACKET CHARACTERISTICS

Flame Retardant PVC Jacket
Standard Lengths are : 1000 feet (305 meter)

Marking on cable surface : HOSIWELL CABLE D-RG6-S60-E E138991 (UL) TYPE CATV /CCTV 75°C 18AWG

APPLICATIONS

For CATV/MATV, Broadband, HDTV and Satellite Broadcasting transmission use...





HOSIWELL

Worldwide leading cable manufacturer

Coaxial Cable

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ATTENUATION : @ 68 °F (20°C)

@ Frequency MHz	dB/100 ft (Max.)	dB/100 meters (Max.)
5 MHz	0.57 dB	1.87 dB
55 MHz	1.50 dB	4.94 dB
211 MHz	2.87 dB	9.43 dB
250 MHz	3.12 dB	10.22 dB
270 MHz	3.24 dB	10.63 dB
300 MHz	3.43 dB	11.25 dB
330 MHz	3.61 dB	11.84 dB
350 MHz	3.72 dB	12.20 dB
400 MHz	4.00 dB	13.12 dB
450 MHz	4.28 dB	14.04 dB
500 MHz	4.51 dB	14.80 dB
550 MHz	4.76 dB	15.62 dB
600 MHz	4.98 dB	16.34 dB
750 MHz	5.62 dB	18.44 dB
870 MHz	6.09 dB	19.99 dB

ORDERING INFORMATION

D-RG6-S60-E : RG 6 Coaxial Cable 75 Ohm Al Braid 60% Coverage Cable