

RG6 STANDARD SHIELD DIRECT BURIAL (GEL FILLED)



SKU: 107-1234/DB/6S

DESCRIPTION

RG6 Standard Shield Direct Burial, 18AWG
Solid CCS Conductor, Aluminum Foil with 60%
Braid, CL2, Polyethylene Jacket.

FEATURES

- 18AWG Solid Conductor
- 75 Ohm Impedance
- Polyethylene (PE) Jacket
- Direct Burial (gel filled)
- ISO 9001:2000
- ETL, RoHS Compliant
- 1000ft Wooden Spool
- 3.0 GHz

Construction

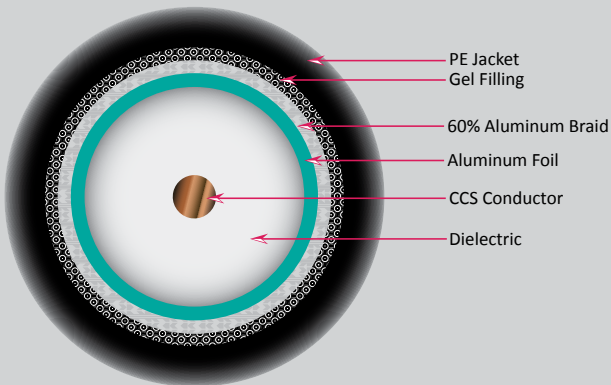
Conductor	Copper Clad Steel (CCS)
Size	1.02±0.01mm (18AWG)
Dielectric	Foam PE
Size	4.57±0.1mm
Shield	Bonded Aluminum Foil
Braid	Alu-Mag
Coverage	5x16x0.12mm, Coverage 60%
Flooding Compound	Gel
Jacket	PE
Size	6.90±0.10mm

Electrical Characteristics

Sparker Test	3000VAC
Impedance	75±3 Ohm
Capacitance	54±3pF/m
Velocity of Propagation	85%
Return Loss	5 - 1000MHz ≥25dB 1001 - 3000MHz ≥18dB

Mechanical Characteristics

Operating Temperature	-30°C to 75°C
Bending Radius MINI.:	69mm



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Rev. 01/2019

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PERFORMANCE

Attenuation Frequency (MHz)	[@68°F (20°C)]	
	dB/100ft	dB/100m
5	0.58	1.90
55	1.60	5.25
211	2.87	9.43
250	3.12	10.24
270	3.24	10.63
300	3.43	11.25
330	3.61	11.84
350	3.72	12.20
400	4.00	13.12
450	4.28	14.04
500	4.51	14.80
550	4.26	15.62
600	4.98	16.34
750	5.62	18.44
870	6.09	19.99
950	6.50	21.33
1000	6.54	21.46
1450	8.00	26.25
1750	8.74	28.67
2050	9.46	31.04
2250	10.00	32.81
3000	11.40	37.38

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