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Q660B5

1) Description

18 gauge (1.02mm) copper covered steel center conductor;
 gas expanded polyethylene dielectric; inner shield aluminum
 foil overlap bonded to dielectric; outer shield of bare aluminum
 braid wire; jacket of PVC. Nominal O.D. 6.90mm.

2) Physical Dimensions

Center Conductor:-----1.02±0.01mm Copper Clad Steel
 Dielectric:-----4.57±0.05mm Foam PE
 Shield:-----Bonded AL Foil 100%
 Braid Coverage:-----60% X16X4X0.16±0.005mm AL Wire
 Jacket:-----6.90±0.05mm PVC

3) Mechanical Characteristics

Operating Temperature Range:-----20°C To +75°C
 Max. Recommended Pulling Tension: ----45 lbs
 Min. Bend Radius (Install):-----3 in.

4) Electrical Characteristics

Sparker Test:-----4000VAC
 Impedance:-----75±3 Ω
 Capacitance:-----54±3pF/m
 Velocity of Propagation:---85%
 SRL:-----20dB (5-1000MHz) / 15dB (1001-3000MHz)



5) Attenuation

Attenuation		[@68°F. (20°C)]	
Frequency (MHz)	Max. (dB/100 ft)	Frequency (MHz)	Max. (dB/100 ft)
1	0.38	900	6.96
5	0.58	1000	7.45
10	0.70	1200	8.25
50	1.48	1450	9.34
100	2.01	1800	10.69
200	2.86	2200	11.54
400	4.23	2500	11.70
700	5.96	3000	13.07

6) Printing:

INFOSAT Q660B5, Premier Cable, 001 meter --- 500 meters