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Q690BVM

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 with
 ground wire. 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:-----90%X16X6X0.16±0.005mm AL
 Jacket:-----6.90±0.05mm PVC
 Ground Wire:-----1.30±0.01mm Steel
 Ground Jacket:-----3.00±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 (950-2200MHz) / 15dB (2201-3000MHz)



5) Attenuation

Attenuation		[@68°F. (20°C)]	
Frequency (MHz)	Max. (dB/100 ft)	Frequency (MHz)	Max. (dB/100 ft)
1	0.37	900	5.79
5	0.55	1000	6.11
10	0.66	1200	6.73
50	1.41	1450	7.49
100	1.92	1800	8.43
200	2.64	2200	9.35
400	3.73	2500	9.97
700	5.05	3000	10.92

6) Printing:

INFOSAT Q690BVM, Premier Cable, 001 meter --- 305 meters