

Q1190BV

1) Description

14 gauge (1.63mm) 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.10.16mm.

2) Physical Dimensions

Center Conductor:-----1.63±0.01mm Copper Clad Steel
Dielectric:-----7.11±0.05mm Foam PE
Shield:-----Bonded AL Foil 100%
Braid Coverage:-----90%X16X6X0.16±0.005mm AL Wire
Jacket:-----10.16±0.05mm PVC

3) Mechanical Characteristics

Operating Temperature Range:-----20°C To +75°C
Max. Recommended Pulling Tension: -----97 lbs
Min. Bend Radius (Install):-----4.5 in.

4) Electrical Characteristics

Sparker Test:-----4000VAC
Impedance:-----75±3 Ω
Capacitance:-----54±3pF/m
Velocity of Propagation:---85%
SRL:-----23dB (5-450MHz)



5) Attenuation

Attenuation		[@68°F. (20°C)]	
Frequency (MHz)	Max. (dB/100 ft)	Frequency (MHz)	Max. (dB/100 ft)
5	0.38	500	2.90
55	0.96	550	3.04
83	1.18	600	3.18
100	1.50	750	3.65
187	1.75	865	3.98
211	1.90	1000	4.35
250	2.05	1500	6.91
300	2.25	2000	8.13
400	2.60	2500	9.20
450	2.75	3000	10.20

6) Printing:

INFOSAT Q1190BV, Premier Cable, 001 meter --- 305 meters