



INFOSAT INTERTRADE CO.,LTD.  
ADD: 46/22 Moo.5 Tiwanon Rd., Banmai, Pakkred,  
Nonthaburi 11120, Thailand  
TEL: +66-2-9619161-3 FAX: +66-2-9618587  
URL: [www.infosats.com](http://www.infosats.com) Email: [sales@infosats.com](mailto:sales@infosats.com)

## Q690W3

### 1) Description

18 gauge (1.02mm) copper covered steel center conductor  
gas expanded polyethylene dielectric; inner shield aluminum  
foil overlap Non-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:-----90%×16×6×0.16±0.005mm AL  
Jacket:-----6.90±0.05mm PVC

### 3) Mechanical Characteristics

Operating Temperature Range:-----20°C To +75°C  
Max. Recommended Pulling Tension: -----115.0 kg  
Min. Bend Radius (Install):-----80.0 mm

### 4) Electrical Characteristics

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

### 5) Attenuation

Attenuation		[ @ 20°C ]	
Frequency (MHz)	Max. (dB/100 ft)	Frequency (MHz)	Max. (dB/100 ft)
1	0.38	200	2.86
5	0.58	400	4.23
10	0.70	700	5.96
50	1.48	900	6.96
100	2.01	1000	7.45

### 6) Printing:

INFOSAT Q690W3, CCTV Cable, 001--- 305 Meter

### 7) Packing & Quotation:

305 Meters/Wooden Reel/CTN  
Wooden Reel Size: 10\*31.5\*27CM  
Carton Size: 32.5\*32.5\*28.5CM  
N.W.: 13.80 kg G.W.: 14.80 kg

