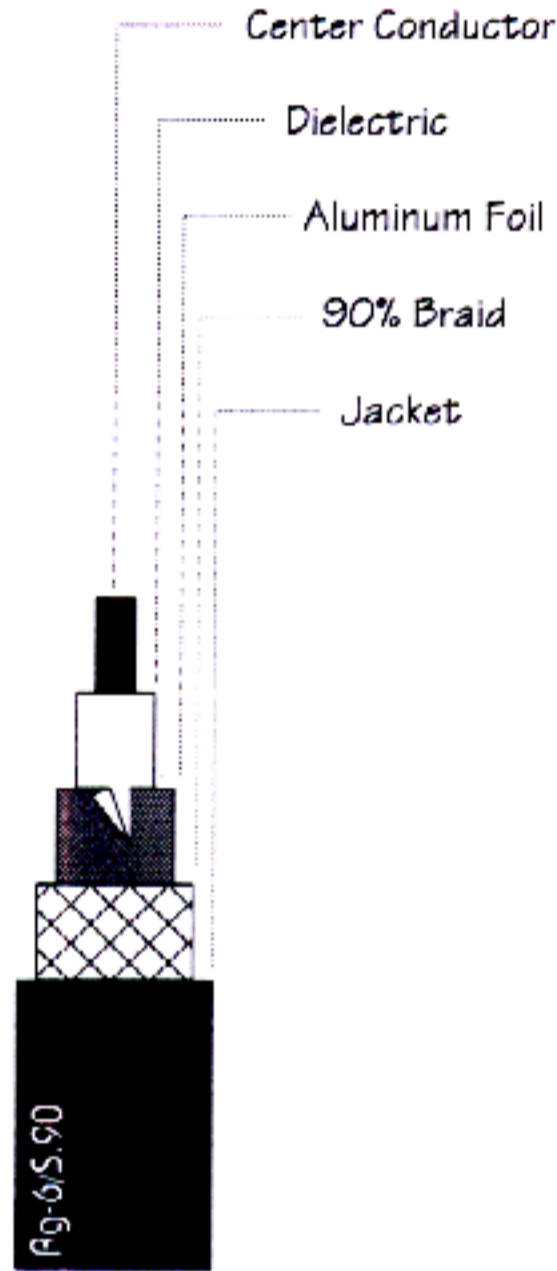


## Technical Data Sheet

## Rg-6/S.90

#18 AWG Copper Clad Steel Conductor  
Foam | Standard 90% Aluminum Braid | PVC Jacket

### Cable cut-away



### Electrical Specifications

Nominal impedance	75 ± 3 ohms
Nominal capacitance \ conductor-to-shield	16.2 pF/ft (53.2 pF/m)
Nominal velocity of propagation	85%

### Physical Characteristics

Conductor material & diameter	18 AWG [0.040 in. (1.02 mm)] Solid Copper Covered Steel Center	
Dielectric material & diameter	Gas Injected Foam Polyethylene 0.180 in. (4.57 mm)	
Shield type	1 <sup>st</sup> Layer	Aluminum polypropylene- aluminum laminated Tape
	2 <sup>nd</sup> Layer	90% Aluminum Braid
Jacket material & diameter	Black PVC 0.272 in. (6.91 mm)	

### Attenuation (@ 68° F (20° C))

Frequency (Mhz)	Maximum (dB/100 ft)	Maximum (dB/100 m)
5	0.58	1.90
55	1.60	5.25
211	3.05	10.00
250	3.30	10.82
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.09
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
865	6.10	20.01
1000	6.55	21.49

### Description

4SProducts AXFOUR Rg-6/S.90 cables are ideal for digital/I DTV installations for indoor/outdoor applications.

RG-6 type cables have lower attenuation characteristics than RG-59, and are suitable for transmission applications of about 1,000 to 1,500 ft.

### Applications

- Broadband Accessory.
- Precision for Analog & digital Applications.
- Standard Analog Video Coax Cable.
- High Frequency CATV Applications.

### Cable Summary

- #18 Copper Clad Steel Conductor.
- Foam Dielectric.
- 100% Foil Shield | 90% Braid.
- PVC Jacket | 0.272" Dia.
- 75 ohms.
- 85% Velocity of Propagation.
- Capacitance of 16.2 pf/ft.