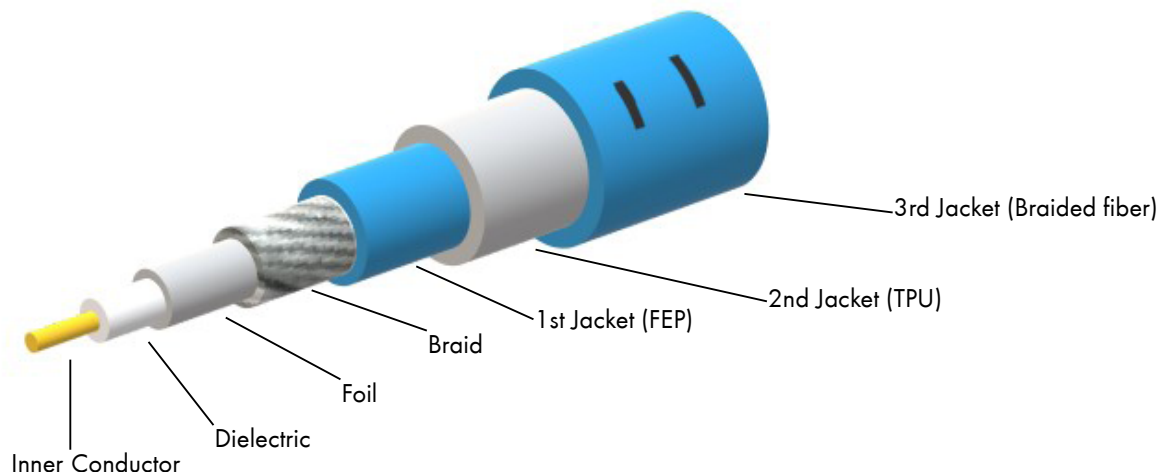




**R-Test AccuStability
Coaxial Cable**

AS26B



Material And Diameter

Connector parts	Material	Diameter
Inner conductor	Silver Plated Copper Wire (SPC) 19 Stranded Wire	7.30 mm (0.287 inch)
Dielectric	LD PTFE (Low Density Polytetrafluoroethylene)	
Foil	Copper, Silver plated	
Braid	Copper, Silver plated	
1st Jacket	FEP (Fluorinated ethylene propylene)	
2nd Jacket	TPU (Thermoplastic Polyurethane)	
3rd Jacket	Braided fiber	

Electrical Data

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Capacitance	86.0 pF/m
Velocity of signal propagation (nominal)	80 %
Signal delay	4.30 ns/m
Insulation resistance	$\geq 1 \times 10^8$ M Ω /m
Screening effectiveness	≥ 100 dB (up to 18 GHz)
Operating Voltage Max. (Vrms @ 60 Hz)	≤ 1.9 kVrms (@ sea level)
Power Handling	See chart
Phase Stability vs Bending	$\pm 3.0^\circ$ typ/ $\pm 6.5^\circ$ max*
Amplitude Stability vs Bending	± 0.10 dB typ/ ± 0.20 dB max*

* according to IEC60966-1, wrapped 360° around a mandrel of 57 mm (2.25 in) radius

Mechanical Data

Weight	N/A
Min. bending radius	9.65 mm

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Environmental Data

Temperature range -55°C to +85°C
RoHS (2011/65/EU) compliant

Typical Attenuation

Frequency (GHz)	Typical Attenuation (dB/m) @ 25°C sea level	Typical Attenuation (dB/ft) @ 25°C sea level	Max. CW power (Watt) @ 40°C sea level
1	0.26	0.08	248
10	0.94	0.29	
18	1.18	0.36	
26.5	1.47	0.45	