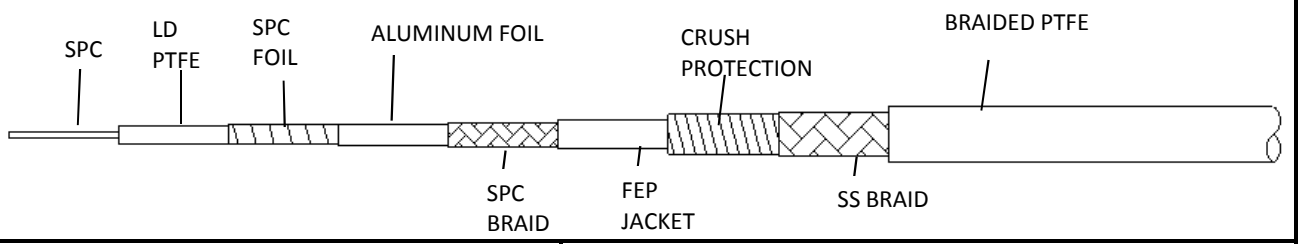
JYEBAO

PHASE STABLE CABLE	PHASETEST1	
		
CONSTRUCTION	**MATERIAL**	
Center Conductor	Solid SPC	
Dielectric	LD PTFE	
1st Foil	Flat SPC Tape	
2nd Foil	Aluminum Tape	
Inner Braid	Silver Plated Copper	
Inner Jacket	FEP	
Crush Protection	Stainless Steel	
Strength Braid	Stainless Steel	
Outer Jacket	Braided PTFE (O.D. 7.1mm)	
ELECTRICAL CHARACTERISTICS		
Impedance	50±2	
Capacitance(Nominal) (pF/ft) (pF/m)	 29.4 96.4	
Velocity of Propagation(%)	80	
Cutt Off Frequency(GHz)	33GHz	
Shielding Effectiveness	≧-110	
Typical. Attenuation	**Typical. Attenuation**	
	dB/100Ft	dB/100M
400MHz	6.4	21
1GHz	10.1	33
3GHz	17.4	57
5GHz	21.3	70
10GHz	30.5	100
18GHz	44.2	145
26.5GHz	59.5	195
Operating Frequency	**18GHz**	**26.5GHz**
Phase Stability v.s. Bending[1]	±2.0° typ/ ±4.5° max	±3.5° typ/ ±7° max
Amplitude Stability v.s. Bending[2]	±0.02dB typ/ ±0.05 max	±0.04dB typ/ ±0.08 max
MECHANICAL CHARACTERISTICS		
Max. Operating Temperature(°C)	-55/ +85	
Min. Bend Radius	Static	Dynamic
(inch)	1.0	2.0
(mm)	25.4	50.8
Flex Life Cycles[3]	≧20000	
Weight		

[1] Per IEC 60966-1, section 8.6, method1.

[2] Per IEC 60966-1, section 8.4

[3] Per IEC 60966-1, section 9.3

This part number complies with ROHS.