

Part No. WCBA-WCA206NM.SM6

18GHz 6M WCA206 Flexible Cable Assembly N(M)-SMA(M)



Features:

- Low Insertion Loss
- Good Shielding effectiveness



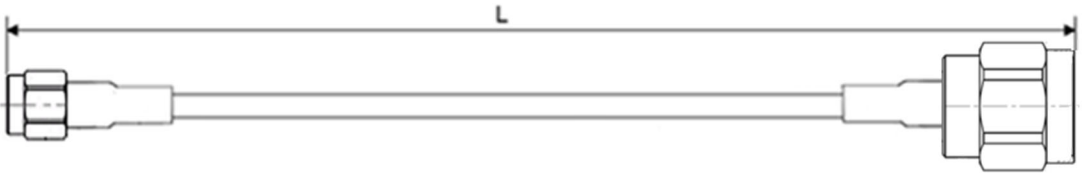
WCA206 Raw Cable Electrical Specification									
Operating Frequency	18GHz								
Frequency	1	3	4	6	8	10	12.4	18	GHz
Attenuation	0.137	0.241	0.281	0.348	0.406	0.458	0.515	0.633	dB/m
Power	1894	1071	921	742	636	564	502	409	W
Velocity of Propagation	83%								
Shielding Effectiveness	90dB(Min.)								
Phase Stability	$\pm 2^\circ$ @10GHz, $\pm 3^\circ$ @18GHz								
Amplitude stability	± 0.1 dB								
Impedance	50 ohm								
Min. Static Bending Radius	40.0mm								
Min. Dynamic Bending Radius	81.0mm								

WCA206 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper	2.40 mm
Dielectric	PTFE	6.36 mm
Outer Conductor	Silver Plated Copper Strip	6.60 mm
Outer Shield	Silver Plated Copper	7.10 mm
Jacket	PFA	8.10mm

WCA206 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+165°C

Cable Assembly Specification

18GHz 6M WCA206 Flexible Cable Assembly N(M)-SMA(M)

Part No.	WCBA-WCA206NM.SM6 (XXX:Length,Unit: Meters)
Frequency	18GHz (max.)
Connection 1	N Male
Connection 2	SMA Male
VSWR	1.3:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Curve

