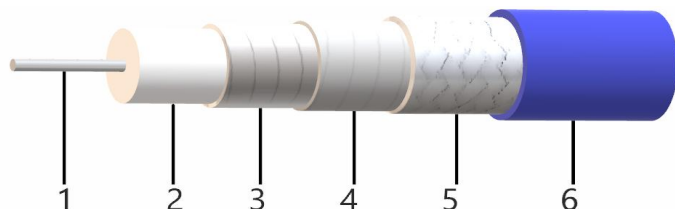




GPE18 Series offers High-performance flexible cable

assemblies Model Number: GPE18-SMAM/F-NM/F-L in Meters or Inches

Schematic diagram of the structure



Construction Specification

	Description	Size (mm)	Tol(mm)	Materials
1	Center conductor	0.91	±0.02	Silver Plated Copper
2	Dielectric	2.98	±0.05	Solid PTFE
3	Outer conductor	3.18	±0.05	Silver Plated Copper Foil
4	Inner Tape	3.20	±0.05	PET
5	Outer shield	3.55	±0.08	Silver Plated Copper
6	Jacket	4.00	±0.10	Blue FEP

Mechanical&Environmental Specifications

Bend Radius:installation (mm)	20.00
Bend Radius:repeated (mm)	40.00
Weight (Kg/m)	0.044
Temp. Operating&Installation (°C)	-55~+125

Electrical Specifications

Operation Frequency (GHz)	18	Mechanical phase (18GHz)	±8°
Cutoff frequency(GHz)	18	Mechanical Range (dB)	±0.10
Impedance (Ohms)	50	VSWR (18GHz)	<1.35 @ 1M
Velocity of Propagation	70%	Typical Loss @ 48 inches	3.1 dB
Shielding Effectiveness (dB)	90	Typical Loss @ 72 inches	4.4 dB
Voltage Withstand (V,DC)	1000		

Features&Benefits

- ★ Low passive intermodulation (PIM)
- ★ Low standing wave
- ★ Compatible with multiple connectors
- ★ Excellent shielding
- ★ Very high cost-effective
- ★ Jumper Box
- ★ Radio system
- ★ Communication base station
- ★ Instruments
- ★ PIM cable