

## 7/8" Feeder Cable

**Model: TS0207801**

Name	7/8" Feeder Cable
Conductor	9.0 mm Smooth Copper Tube
Dielectric	22.3 mm Physical Foam Polyethylene
Outer conductor	24.9 mm Corrugated Copper Tube
Jacketing options	27.5 mm Black PE

### *Mechanical and Electrical Characteristics*

Impedance	50±1.0 Ohms
Insulation Resistance	5000MΩ/km
DC Breakdown Voltage	6kv
Peak Power	91kv
Cut-off Frequency	5.2GHz
Return Loss (V.S.W.R.)	<1.15@0.8-2.7GHz
Operating Temperature	-55°C to +85 °C

### *Attenuation[@68°F. (20°C)]*

Frequency(MHz)	Power Rating(kW)	Maximum(dB/100m)
100	8.62	1.19
450	3.88	2.64
800	2.83	3.62
900	2.85	3.87
1000	2.50	4.10
2000	1.50	6.95
2500	1.50	6.95
3000	1.33	7.74

