

## Rigid Line Components 1 5/8" SMS-1

- Outer conductor system aluminium/aluminium alloy
- Quick and simple assembly
- No special tools required
- PTFE insulation
- For indoor application

### Components

	Length	Weight	Part Number
Inner conductor tube (copper)	L = 2 m L = 4 m	0.89 kg 1.78 kg	<b>BN A02406</b> <b>BN K19640C0004</b>
Outer conductor tube (aluminium)	L = 2 m L = 4 m	0.86 kg 1.72 kg	<b>BN A02409</b> <b>BN K20201C0004</b>
Inner support		0.04 kg	<b>BN 859906</b>
Adapter SMS-1 clamp to 1 5/8" EIA		0.21 kg	<b>BN B13487C1000</b>
Coupling element for 1 5/8" EIA incl. screw set		0.16 kg	<b>BN 918311</b>
Rigid line splice		0.29 kg	<b>BN 532704</b>
90° Elbow		0.29 kg	<b>BN 532702</b>

### Electrical Data

Impedance		50 Ω
Cut off frequency for H11-Mode		3.2 GHz
Proof voltage at sea level (NN)		7.0 kV
Frequency range		$0 \leq f \leq 2.7$ GHz
Average power at +40 °C ambient temperature	100 MHz 230 MHz 800 MHz	$\leq 19.6$ kW $\leq 13.0$ kW $\leq 7.0$ kW
Attenuation at +20 °C ambient temperature (dB/100m)	100 MHz 230 MHz 800 MHz	0.75 1.13 2.19
Installation instruction		M 36124

