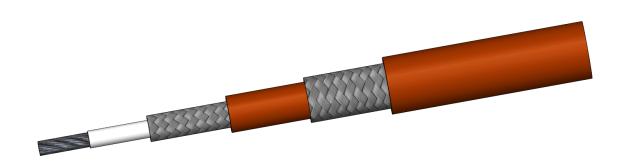


## Technical Data Sheet

## Flexible RG178 Triaxial Cable with FEP Jacket

# **RG-178TR**



#### Meets all MIL-C-17 Requirements

#### Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	SPCW-Silver Plated Copper Weld (Stranded-7)	7*0.102 mm
Dielectric	PTFE (Polytetrafluoroethylene)	0.86 mm
Outer Conductor	SPC-Silver Plated Copper	1.3 mm
Jacket	FEP (Fluorinated ethylene propylene)	1.83 mm
Outer Conductor	SPC-Silver Plated Copper	2.25 mm
Jacket	FEP (Fluorinated ethylene propylene)	2.85 mm

#### Electrical Data

Mechanical Data

Weight N/A

Min. bending radius 10 mm (Static)

Environmental Data

Temperature range  $-65\,^{\circ}\text{C}$  to  $+150\,^{\circ}\text{C}$  RoHS (2011/65/EU) compliant

### Typical Attenuation

Frequency (GHz)	Typical Attenuation (dB/m) @ 25°C sea level	Max. CW power (Watt) @ 40°C sea level
0.1	0.58	225
0.4	1.05	115
0.9	1.58	72
1	1.68	68
1.8	2.24	47
3	2.91	34
6	4.13	23

The facts and figures herein are carefully compiled to the best of our		Rosnol RF/Microwave Technology Co., Ltd.	Page
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In the effort to improve our products, we reserve the right to make changes $% \left( \frac{1}{2}\right) =\frac{1}{2}\left( \frac{1}{2}\right) $	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1 /1
judged to be necessary.	12/7/2020	N-CAGE Code: SFKKO / ISO9001 Certified	1/1