RF Conector
7/16(f) quick-fit RMC 50-78 (300171)

Product Specification
ET-v02 - 10/08/21

Features

Connector Type	7 / 16
Type of contact	Female
Mounting angle	Straight
Mounting of type	Quick-fit
Durability (Cyles)	≥ 500

Electrical properties

Impedance (Ω)	50 ± 1
Frequency range (GHz)	DC~2,5
Intermolation (3rd order @ 2 x 20 W) (dBc)	≤ - 155
Inner contact resistance (m Ω)	≤ 0.4
Outer contact resistance (m Ω)	≤ 1.5
Insulation resistance (MΩ▪km)	≥ 5000
Dielectric withstanding voltage, at sea level (V, RMS, 50Hz)	≥ 2500
VSWR (dB)	≤ 1.15
Insertion loss (dB)	≤ 0.05

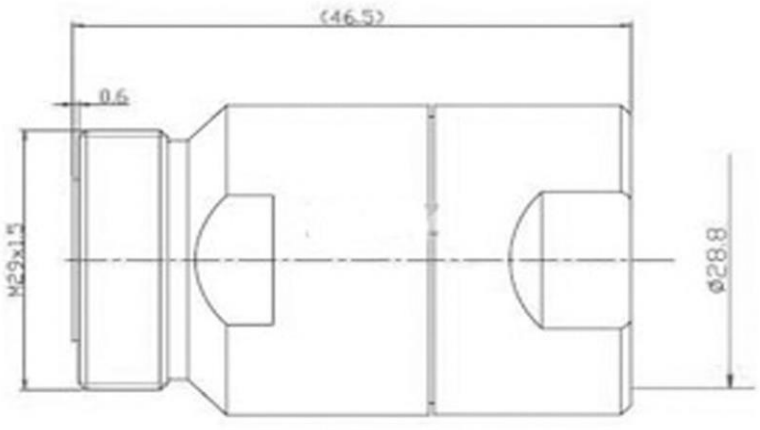
Material properties

Inner conductor	Brass alloy plated with silver
Outer conductor	Brass alloy plated with tri-Alloy
Insulator	PTFE

Environmental Properties

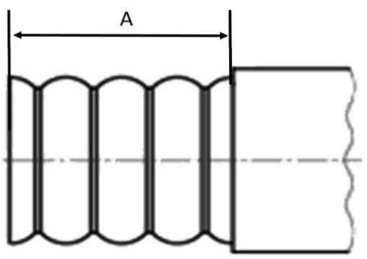
Temperature range (^{o}C)	- 55 + 85
Water proof	IP67
2011/65EU(ROHS)	Compliant

Outline Drawing



Recommend cable stripping (mm)

A	20



* MCC reserves the right to make the changes conridered necessary in this document.