

# DATA SHEET

item no. **FCPO3,9C**

connector type  
For cable

**F Male Push On Connector**  
**DG 80C**

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	5 A
Shielding Effectiveness	> 115 dB @ 1GHz



Return Loss (IEC 169.1.1)  
(RF Analyzer E5062A)

0.3 - 500 MHz	- 36.3 dB
500 - 860 MHz	- 34.9 dB
860 - 1000 MHz	- 33.5 dB
1000 - 1750 MHz	- 32.0 dB
1750 - 2150 MHz	- 29.7 dB
2150 - 3000 MHz	- 28.0 dB

Insertion Loss Max.

0.3 - 500 MHz	< 0.01 dB
500 - 860 MHz	< 0.01 dB
860 - 1000 MHz	< 0.01 dB
1000 - 1750 MHz	< 0.02 dB
1750 - 2150 MHz	< 0.02 dB
2150 - 3000 MHz	< 0.02 dB

Temperature  
Installing  
Operating  
Storing

- 5° to + 50° C
- 40° to + 100° C
- 40° to + 100° C

Inner Conductor

Resistance max. @1 A DC **<1 mOhm**

Max. Tensile Strength  
Overall

220 N

Base Material

Body parts **Brass CuZn 39Pb3**  
Inner conductor **Brass CuZn 39Pb3**

Inner Conductor

O-ring

EPDM

Plating

Body parts **Nitin**  
Inner conductor **Nitin**

Color

BLACK

Date of release

June 05 . 2014



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