

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 | - 5° to + 50° C |
| Operating | - 40° to + 100° C |
| Storing | - 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**



ITALIANA CONDUTTORI S.r.l.

Viale Zanotti, 90

I - 27027 Gropello Cairoli (PV)

Tel. +39 0382 815 150 - Fax +39 0382 814 970

www.cavel.com - cavel@cavel.it