

# DATA SHEET

item no. **FCEM5.0C**

connector type  
For cable

F Male Compression Connector  
5.2mm cable  
RP80, TS80L

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	5 A
Shielding Effectiveness	> 120 dB @ 1GHz



Return Loss (IEC 169.1.1)  
(RF Analyzer E8357A)

0.3 - 500 MHz	- 44.6 dB
500 - 860 MHz	- 42.3 dB
860 - 1000 MHz	- 38.5 dB
1000 - 1750 MHz	- 35.9 dB
1750 - 2150 MHz	- 33.2 dB
2150 - 3000 MHz	- 31.3 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	< 0.01 dB
1750 - 2150 MHz	< 0.01 dB
2150 - 3000 MHz	< 0.01 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**

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