

Electrical:

Impedance : 50 Ohm

Frequency range: DC-11 GHz

VSWR: ≤ 1.25

Voltage Rating : $\leq 1000V$ RMS, 50Hz, at sea level

Dielectric Resistance : $\geq 5 G\Omega$

Dielectric Withstanding Voltage : $\geq 2500V$ RMS, 50Hz, at sea level

Contact Resistance : Center Contact $\leq 1m\Omega$

Outer Contact $\leq 0.25 m\Omega$

Mechanical:

Durability Mating cycles ≥ 500

Environmental:

Temperature Range : $-55^{\circ}C$ to $155^{\circ}C$

Protection Rate: IP67

RoHS: Compliant

Notes:

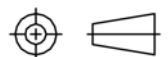
- 1- The overall contour may be slightly changed per terminating with different cable and we reserve right to change it without notice.
- 2- Any changes for interface dimensions are strictly prohibited.
- 3- The Material and plating are in various options per customer's request.
- 4- A complete information for connectors is available upon request.

| | Material | Plating |
|------------------|-----------------|---------|
| Body | Brass | Ni |
| Insulator | PTFE | - |
| Center Conductor | Brass | Au |
| Coupling Nut | Brass | Ni |
| Gasket | Silicone rubber | - |

| Tolerances |
|-----------------|
| .X ± 0.2 |
| .XX ± 0.1 |
| .XXX ± 0.05 |

| Scale | Abbr. | Rev. |
|-------|-------|------|
| NTS | ST | B |

Part Number: FS151-116



Date

2021/09/09



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All Dimensions in mm
(Unless Otherwise Specified)