

## TESTCABLZ™

### MODEL NUMBER

TESTCABLZ BLU402

### DESCRIPTION

Cable Assembly

### FEATURES

- Robust connector attachment
- RoHs compliant
- Frequency coverage DC-18GHz
- Operating temperature range -55°C to +200°C
- RF leakage -110dB
- 1.20 : 1 max VSWR

### CABLE PARAMETERS:

#### Electrical:

ITEM	SPECIFICATION
Operating frequency	DC-18GHz
Dielectric resistance	1000MΩ/km minimum
Test voltage	5000 Vrms
Continuous working voltage	1900 Vrms
Velocity of propagation	69.5% nominal
Capacitance	29.9 pF/ft maximum
Leakage	-110dBc
Phase Stability	+/- 3°
Characteristic impedance	50 +/- 2Ω
Weight, approximate	43.6 kg/km
Attenuation, maximum	8dB/100ft (0.26dB/m) @400MHz 13dB/100ft (0.43dB/m) @1GHz 23dB/100ft (0.75dB/m) @3Ghz 30dB/100ft (0.98dB/m) @5GHz 45dB/100ft (1.48dB/m) @10GHz 64dB/100ft (2.10dB/m) @18GHz

#### Mechanical:

ITEM	MATERIAL	DIAMETER
Center conductor	SPCW	0.036" (0.92mm)
Dielectric resistance	PTFE	0.117" (2.97mm)
Inner shield	SPC tape	0.128" (3.25mm)
Braid	SPC	0.141" (3.58mm)
Jacket	FEP	0.163" (4.14mm)

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*All specifications are subject to change without notice.*

**MODEL NUMBER**

TESTCABLZ BLU402 (Continued)

**DESCRIPTION**

Cable Assembly

**THE SERIES:**

RFI P/N	OVERALL LENGTH	CONNECTORS
RMCA.12.TCBLZ2.Smm	12	SMA male/male
RMCA.18.TCBLZ2.Smm	18	SMA male/male
RMCA.24.TCBLZ2.Smm	24	SMA male/male
RMCA.36.TCBLZ2.Smm	36	SMA male/male
RMCA.48.TCBLZ2.Smm	48	SMA male/male
RMCA.12.TCBLZ2.SNmm	12	SMA male/N male
RMCA.18.TCBLZ2.SNmm	18	SMA male/N male
RMCA.24.TCBLZ2.SNmm	24	SMA male/N male
RMCA.36.TCBLZ2.SNmm	36	SMA male/N male
RMCA.48.TCBLZ2.SNmm	48	SMA male/N male
RMCA.12.TCBLZ2.Nmm	12	N male/male
RMCA.18.TCBLZ2.Nmm	18	N male/male
RMCA.24.TCBLZ2.Nmm	24	N male/male
RMCA.36.TCBLZ2.Nmm	36	N male/male
RMCA.48.TCBLZ2.Nmm	48	N male/male

