

TESTCABLZ™

MODEL NUMBER

TESTCABLZ BLU401

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	7500 Vrms
Continuous working voltage	3000 Vrms
Velocity of propagation	69.5% nominal
Capacitance	29.6 pF/ft maximum
Leakage	-110dBc
Phase Stability	+/- 3°
Characteristic impedance	50 +/- 2Ω
Weight, approximate	160.0 kg/km
Attenuation, maximum	5dB/100ft (0.17dB/m) @400MHz 9dB/100ft (0.29dB/m) @1GHz 17dB/100ft (0.57dB/m) @3Ghz 24dB/100ft (0.78dB/m) @5GHz 36dB/100ft (1.20dB/m) @10GHz 53dB/100ft (1.73dB/m) @18GHz

Mechanical:

ITEM	MATERIAL	DIAMETER
Center conductor	SPC	0.064" (1.628mm)
Dielectric resistance	PTFE	0.209" (5.31mm)
Inner shield	SPC tape	0.226" (5.75mm)
Braid	SPC	0.252" (6.40mm)
Jacket	FEP	0.283" (7.20mm)

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All specifications are subject to change without notice.

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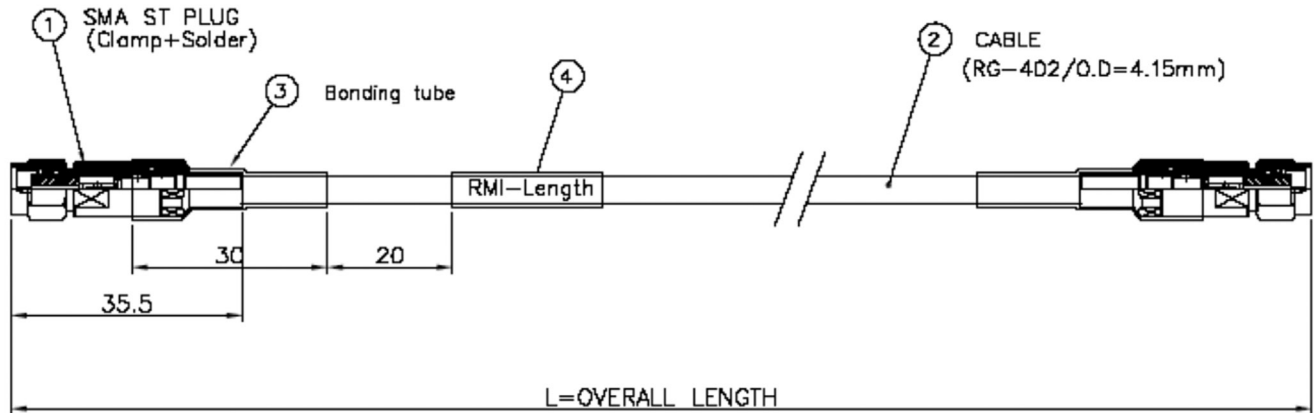
TESTCABLZ BLU401 (Continued)

DESCRIPTION

Cable Assembly

THE SERIES:

RMI P/N	OVERALL LENGTH	CONNECTORS
RMCA.12.TCBLZ1.Smm	12	SMA male/male
RMCA.18.TCBLZ1.Smm	18	SMA male/male
RMCA.24.TCBLZ1.Smm	24	SMA male/male
RMCA.36.TCBLZ1.Smm	36	SMA male/male
RMCA.48.TCBLZ1.Smm	48	SMA male/male
RMCA.12.TCBLZ1.SNmm	12	SMA male/N male
RMCA.18.TCBLZ1.SNmm	18	SMA male/N male
RMCA.24.TCBLZ1.SNmm	24	SMA male/N male
RMCA.36.TCBLZ1.SNmm	36	SMA male/N male
RMCA.48.TCBLZ1.SNmm	48	SMA male/N male
RMCA.12.TCBLZ1.Nmm	12	N male/male
RMCA.18.TCBLZ1.Nmm	18	N male/male
RMCA.24.TCBLZ1.Nmm	24	N male/male
RMCA.36.TCBLZ1.Nmm	36	N male/male
RMCA.48.TCBLZ1.Nmm	48	N male/male



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