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Bench Test Cable Range

TestPro 2 (67 GHz) & TestPro 3 (40 / 26.5 GHz)

The TestPro series goes up to 67 GHz. TestPro 2 - 67 GHz and TestPro 3 - 40 GHz are measurement cables. They combine electrical advantages and an integrated protection system. These ruggedized assemblies offer excellent durability while remaining exceptionally flexible. The unique connector attachment system and strong cable structure provides high tensile stress resistance to the whole assembly.

Properties	TestPro 2	TestPro 3
Frequency range	DC - 67 GHz	DC - 40 GHz
Impedance	50 Ω ± 1 Ω	50 Ω ± 1 Ω
IL Typ. (dB/m)	4.99 @ 50 GHz - 5.92 @ 67 GHz	3.11 @ 40 GHz
IL Typ. (dB/ft)	1.52 @ 50 GHz - 1.80 @ 67 GHz	0.94 @ 40 GHz
Phase with flexure stability typ.	6° @ 50 GHz - 8° @ 67 GHz	4.8° @ 40 GHz
Phase with flexure stability max.	11.8 @ 50 GHz - 15.6° @ 67 GHz	9.5° @ 40 GHz
Amplitude stability typ. (dB)	0.04 @ 50 GHz - 0.05 @ 67 GHz	0.05 @ 40 GHz
Amplitude stability max. (dB)	0.08 @ 50 GHz - 0.10 @ 67 GHz	0.1 @ 40 GHz
Shielding effectiveness	-100 dB min @ 1 GHz	-100 dB min @ 1 GHz
Crush resistance	260 lb/linear in.*	260 lb/linear in.
Minimum bend radius	25 mm (1 in.)	25 mm (1 in.)
Temperature (°C)	-55 / +125°C	-55 / +125°C
Connectors	SMA 2.9 - 2.4 mm - 1.85 mm	N Type - SMA 3.5 - SMA 2.9 - 2.4 mm
Flexure life cycle	20,000	20,000
Mating cycles durability	5,000	5,000
Armor	Integrated	Integrated
ROHS / REACH	Yes	Yes



1 lb/linear in. = 175 N/100 mm

TestPro 4.2 (18 GHz)

TestPro 4.2 is a high frequency microwave cable that delivers good attenuation characteristics. This low loss triple-shielded cable provides the best combination of low attenuation and VSWR/loss/phase stability, compared to similar size flexible cables. The rugged structure of TestPro 4.2 is perfectly adapted for dynamic applications such as laboratory measurements when assembled with TestPro connectors.

Properties	TestPro 4.2
Frequency range	DC - 20 GHz
Impedance	50 Ω ± 2 Ω
IL Typ. (dB/m)	1.90 @ 18 GHz
IL Typ. (dB/ft)	0.58 @ 18 GHz
Phase with flexure stability typ.	2.2° @ 18 GHz
Phase with flexure stability max.	4.6° @ 18 GHz
Amplitude stability typ. (dB)	0.08 @ 18 GHz
Amplitude stability max. (dB)	0.15 @ 18 GHz
Shielding effectiveness	-110 dB min @ 1 GHz
Crush resistance	135 lb/linear in.*
Minimum bend radius	25 mm (1 in.)
Temperature (°C)	-55 / +105°C
Connectors	SMA - N - TNC - PC7
Flexure life cycle	10,000
Mating cycles durability	5,000
Armor	Available
ROHS / REACH	Yes



1 lb/linear in. = 175 N/100 mm

Plot no. 845, DSIIDC Industrial Area KHASRA NO. 33/23 (0-7) & 37/4 (0-10)Gali no. 6, near Harnandi dharam kanta Mundka Industrial Area, New Delhi, Delhi, 110041