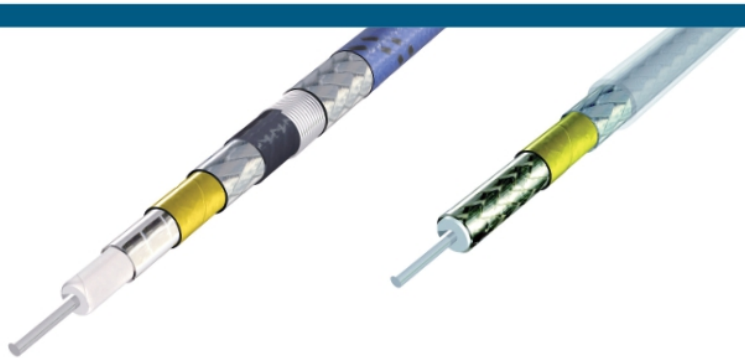
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TestPro Reminder



TestPro

TestPro cables are dedicated to bench test cable assemblies. Our TestPro range differs from the SHF range, because the cables and connectors are designed for high performance, testing, and measurement.

Other products on the market, offer cosmetic solutions that only appear more robust without any real performance advantages, whereas Radiall offers a full range of test bench cables that performs better than any other product on the market.

Test cable assemblies are intended for daily use in component and assembly shops, test labs and automatic test equipment applications. They differ from standard cable assemblies in that they are specially designed for applications that require repeated connection/disconnection procedures, strenuous flexing situations and applications where cable and connector durability is important.

Key caracteristics of our Testpro range are:

- *Rugged interface: 5,000 mating/unmating lifecycle*
- *Flex life: over 20,000 cycles*
- *High flexibility*
- *Outstanding phase and loss stability for long calibration intervals*

	TestPro 4.2	TestPro 3	TestPro 2 (launch 2014)
Frequency range	DC - 18 GHz	DC - 26.5 GHz / DC- 40 GHz	DC – 50 GHz / DC – 67 GHz
Impedance	50 Ω ± 2 Ω	50 Ω ± 1 Ω	50 Ω ± 1 Ω
IL (dB/m)	2.10 @ 18 GHz	2.41 @ 26.5 GHz - 3.11 @ 40 GHz	5.00 @ 50 GHz – 5.92 @ 67 GHz
IL (dB/ft)	0.64 @ 18 GHz	0.73 @ 26.5 GHz - 0.94 @ 40 GHz	1.52 @ 50 GHz – 1.80 @ 67 GHz
Phase with flexure stability	2° @ 18 GHz	2° @ 26.5 GHz - 5° @ 40 GHz	6° @ 50 GHz - 8° @ 67 GHz
Amplitude stability (dB)	0.05 @ 18 GHz	0.05 @ 40 GHz	0.05 @ 50 GHz
Shielding Effectiveness	-110 dB min @ 1 GHz	-100 dB min @ 1 GHz	-100 dB min @ 1 GHz
Crush resistance	135 lb/linear in.	260 lb/linear in.	260 lb/linear in.
Minimum bend radius	25 mm (1 in.)	25 mm (1 in.)	25 mm (1 in.)
Temperature (°C)	-55 / + 125 °C	-55 / + 125 °C	-55 / + 125 °C
Connectors	SMA, N, TNC, PC7	SMA3.5, SMA2.9, NMD2.9, TVAC2.9, SMA2.4mm, N	2.4mm / 1.85 mm
Flexure life cycle	10,000	20,000	20,000
Mating cycles durability	5,000	5,000	5,000
Armor	Available	Integrated	Integrated
RoHS / REACH	Yes	Yes	Yes

*Please refer to Testpro catalog D1A295TE

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