

TL-P

High flexible PIM test lead



Especially designed for:

- Portable PIM analyzers for field testing
- Indoor factory PIM analyzers for antenna component testing

TL-P

HUBER+SUHNER® TL-P product line is developed for indoor and outdoor applications where passive intermodulation (PIM) and return loss (RL) has to be tested. Its excellent PIM and RL performance makes this assembly perfect for the use in Test+Measurement applications. TL-P is based on a **flexible** cable which is optimized up to 4 GHz and protected with a steel armouring. The robust design is completed with a moulded protection between connector and cable. Field use requires flexible and ruggedized test equipment. TL-P is specially designed for this environment.

Features

- Highly flexible, tough and reliable design
- Designed for high mating cycles (> 2000)
- Produced under stringent manufacturing and quality standards
- Factory-made cable assemblies




Benefits

- Very easy to handle, ideal for work in the field
- Longer product life, withstanding rough conditions (IP67)
- Outstanding performance for indoor and outdoor applications
- Excellent value for money

Key values

PIM (tested accord. IEC 62037-2)	≥ -117 dBm (-160 dBc)			
Return loss (up to L = 3.0 m)	1 GHz	2 GHz	3 GHz	4 GHz
	≤ -29 dB	≤ -26 dB	≤ -23 dB	≤ -19 dB
Shielding effectiveness	> -120 dB			
Temperature range	-15 up to 65 °C (operating) -10 up to 55 °C (installation)			
Bending radius (dynamic)	≥ 110 mm (4.3 inch)			

Choice of suitable products

Assemblies	Configuration	Length	Description	Material no.
	DIN 7/16 male - DIN 7/16 male	1.5 m 3.0 m	TL-P-11716-11716-01500-51 TL-P-11716-11716-03000-51	85027448 85027254
	DIN 7/16 male - N male	1.5 m 3.0 m	TL-P-11716-11N-01500-51 TL-P-11716-11N-03000-51	85027450 85027453
	4.3-10 male (hex.) - DIN 7/16 male	1.5 m 3.0 m	TL-P-11431X-11716-01500-51 TL-P-11431X-11716-03000-51	85029279 85029280

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HUBER+SUHNER is certified according to EN(AS) 9100, ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

Waiver

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