

Feed through terminators

Feed through terminations are designed to connect 50 Ω transmission lines or RF devices with a high impedance test equipment, e.g. oscilloscope.

Features

- Allows high input impedance RF measurement



50 Ω , connector configuration male to female

Interface characteristics	Frequency DC to GHz	VSWR max.	Return loss min. dB	Power W	HUBER+SUHNER type	Item no.
BNC	0.5	1.25	19.1	2	6701.01.A	22543741
BNC	1	1.25	19.1	0.4	6701.01.B	22543742
N	0.5	1.25	19.1	0.4	6701.17.A	22644916

DC blocks

A DC block separates or blocks DC voltage (galvanic isolation) and let pass RF frequency along a coaxial transmission line.

Features

- Broadband
- RF signal passes with negligible loss
- Blocking of DC
- Galvanic isolation of centre conductor



50 Ω , connector configuration male to female

Interface characteristics	Frequency GHz	Voltage max. V	Block type	VSWR max.	Return loss min. dB	HUBER+SUHNER type	Item no.
BNC	5	250	centre conductor	1.22	20.1	1100.01.A	22550233
N	5	250	centre conductor	1.22	20.1	1100.17.A	22550232
SMA	18	200	centre conductor	1.35	16.5	1100.19.0001	84107082

Detailed product specifications and outline drawings are available on request.

Impedance matching pads

Matching pads are designed to match 50 Ω with 75 Ω impedance of two different transmission lines of while preserving signal integrity.

Features

- Low insertion loss
- High repeatability
- Low return loss



50 Ω with 75 Ω

Interface characteristics	Frequency GHz	VSWR max. at 50 Ω	Return loss min. dB	Power W	HUBER+SUHNER type	Item no.
BNC: 50(m) - 75(f)	1	1.25	19.1	0.7	6001.01.A	22543737
BNC: 50(f) - 75(m)	1	1.25	19.1	0.7	6001.01.B	22550085
N: 50(f) - 75(m)	1	1.25	19.1	0.7	6001.17.B	22642806
N: 50(m) - 75(f)	1	1.25	19.1	0.7	6001.17.A	22642807
N: 50(m) - BNC 75(f)	1	1.25	19.1	0.7	6001.00.0001	22649583

m: refers to male, f: refers to female

Resistive power dividers

Power dividers are designed to split a RF signal equally into two output signals with an insertion loss of 6 dB.

Features

- Broadband down to DC
- Very low return loss
- Cost effective solution to tap off a signal
- Very compact



50 Ω

Interface characteristics	Frequency GHz	VSWR max.	Return loss min. dB	Power W	HUBER+SUHNER type	Item no.
BNC (f-f-f)	2	1.15	23.1	1	4901.01.A	22550077
BNC (m-f-f)	2	1.15	23.1	1	4901.01.B	22550078
N (f-f-f)	2	1.15	23.1	1	4901.17.A	22550252
N (m-f-f)	2	1.15	23.1	1	4901.17.B	22643830
SMA (f-f-f)	12.4	1.2	20.8	0.5	4901.19.A	22641657

m: refers to male, f: refers to female

Detailed product specifications and outline drawings are available on request.