

U-links and Measurement Adapters

- Fast switching
- 4 or 10 interlock contacts IL1-4 or IL 2-10
- Instant RF-connection and shielding
- Best repeat accuracy
- Measurement adapters for accurate measurement of combiners, feeders and antennas from front side



U-link with interlock system 1 (IL 1-4)



U-link with interlock system 2 (IL 2-10)



Measurement adapters

U-link with Interlock System 1 (IL 1-4) and 2 (IL 2-10)

Part Number	Interlock 1 Interlock 2	BN 540121 BN 540121C0200	BN 553031 BN 553032	BN 553331 BN 553332	BN 553611 BN 553612	- BN 539627	- BN 539613	- BN 539633
Frequency range		0 - 860 MHz						0 - 800 MHz
Proof voltage		≤ 2.7 kV	≤ 10 kV	≤ 13 kV	≤ 19 kV	≤ 23 kV	≤ 25 kV	≤ 34 kV
Average power	100 MHz 240 MHz 860 MHz	≤ 5.0 kW ≤ 3.5 kW ≤ 2.0 kW	≤ 20.0 kW ≤ 13.5 kW ≤ 7.0 kW	≤ 51.0 kW ≤ 34.0 kW ≤ 17.5 kW	≤ 98.0 kW ≤ 67.0 kW ≤ 35.0 kW	≤ 132.0 kW ≤ 91.0 kW ≤ 47.0 kW	≤ 169.0 kW ≤ 116.0 kW ≤ 60.0 kW	≤ 225.0 kW ≤ 154.0 kW ≤ 80.0 kW *
Connectors		7-16	158 USL-D	68 USL-D	98 USL-D	120 USL	120 USL	618 USL
Distance between axles		110 mm	160 mm	160 mm	225 mm	325 mm	325 mm	400 mm
Weight		≈ 0.6 kg	≈ 1 kg	≈ 1.7 kg	≈ 4.7 kg	≈ 9.4 kg	≈ 10 kg	≈ 22 kg
Option								
U-link with identical electrical length as plug-in switch		-	BN 553033	BN 553334	-	-	-	-

* @ 800 MHz

Precision Measurement Adapters to 7-16 female

Part Number	-	BN 553048	BN 553348	BN 553648	BN 539648	BN 539647 *
Connectors	-	158 USL-D	29.5-68 USL-D	43-98 USL-D	52-120 USL	618 USL
VSWR	-	≤ 1.02	≤ 1.02	≤ 1.02	≤ 1.02	≤ 1.02
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.					

* @ 800 MHz