

Direct Access Units

- RF measurements without dismantling rigid lines and cables
- ⇒ Quick and accurate:
 - Antenna impedance testing and tuning
 - Measurement of feeder VSWR and electrical length
- No need for measurement adaptors
- For outdoor application
- No limitation of power and voltage by direct access unit



Part number	BN 876730	BN 876770	BN 876740	BN 876750	BN 876760
Connectors	6 1/8" EIA male/male	6 1/8" EIA male/male	7 3/16" MYAT male/male	8 3/16" MYAT male/male	9 3/16" EIA male/male
Characteristic impedance	50 Ω	75 Ω	75 Ω	75 Ω	50 Ω
Frequency range	0 – 800 MHz	0 – 800 MHz	0 – 752 MHz	0 – 700 MHz	0 – 550 MHz
Proof voltage	28 kV	28 kV	32 kV	38 kV	41 kV
Average Power					
100 MHz	≤ 172 kW	≤ 145 kW	≤ 202 kW	≤ 256 kW	≤ 360 kW
254 MHz	≤ 112 kW	≤ 94 kW	≤ 131 kW	≤ 167 kW	≤ 234 kW
550 MHz	≤ 76 kW	≤ 64 kW	≤ 89 kW	≤ 113 kW	≤ 160 kW
700 MHz	≤ 67 kW	≤ 57 kW	≤ 78 kW	≤ 100 kW	
752 MHz	≤ 65 kW	≤ 55 kW	≤ 76 kW		
800 MHz	≤ 63 kW	≤ 53 kW			
VSWR	≤ 1.03	≤ 1.03	≤ 1.03	≤ 1.03	≤ 1.03
return loss	≥ 36 dB	≥ 36 dB	≥ 36 dB	≥ 36dB	≥ 36 dB
Length (flange to flange)	177 mm	177 mm	350 mm	350 mm	350 mm
Weight	≈ 15 kg	≈ 15 kg	≈ 20 kg	≈ 30 kg	≈ 35 kg
Measurement insert	BN 876735	BN 876775	BN 876745	BN 876755	BN 876765
Measuring connectors	7-16 female	N female	N female	N female	7-16 female
Characteristic impedance	50 Ω	75 Ω	75 Ω	75 Ω	50 Ω
VSWR (return loss) ≤ 1.02 (40 dB) ≤ 1.06 (30 dB)	0 – 700 MHz 700 – 800 MHz	0 – 700 MHz 700 – 800 MHz	0 – 700 MHz 700 – 752 MHz	0 – 610 MHz 610 – 700 MHz	0 – 500 MHz 500 – 550 MHz
Weight	≈ 4 kg	≈ 4 kg	≈ 5.5 kg	≈ 6.5 kg	≈ 6.5 kg
Maintenance kit	BN 876731	BN 876771	BN 876741	BN 876751	BN 876761
Scope of supply	O-ring, grease and set of screws and nuts				
Environmental conditions	For limitations see "Environmental Conditions for Broadcast Products" (TD-00060)				