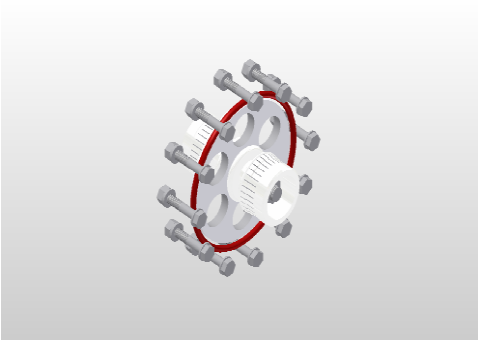
6 1/8” EIA Coupling Element || BN 540084



Interface type	EIA 6 1/8“ male – 50 ohms	
Standards	EN 122150; 339 ICE	
Frequency range *)	0 to 800 MHz	
Average power, max. *) **)	100 MHz 230 MHz 350 MHz 600 MHz 700 MHz 800 MHz	≤ 175 kW ≤ 116 kW ≤ 92 kW ≤ 78 kW ≤ 72 kW ≤ 67 kW
VSWR, max. *)	100 MHz 230 MHz 350 MHz 600 MHz 700 MHz 800 MHz	≤ 1.02 ≤ 1.05 ≤ 1.05 ≤ 1.05 ≤ 1.15 ≤ 1.22
Proof voltage *)	28 kV @ sea level (NN) 47 kV @ 2 bar absolute 61 kV @ 4 bar absolute	
Inner conductor material / surface finish	copper alloy / silver plated	
Outer conductor material / surface finish	n.a.	
Insulation	ceramic C221 (acc. to EN 60672) (for use in ironizing radiation environment)	
Sealing	silicone	
Other metal parts	stainless steel	
Absolute operating pressure *)	$4x10^5$ Pa (4 bar)	
Pressurized by	SF_6, N_2 or Air (dry)	
Leakage rate, max. *)	$5x10^{-4}$ mbar l/s @ absolute operating pressure	
Admissible axial force	acc. to EN 122150	
Weight, approx.	2.3 kg	
Environmental conditions	For limitations see “Environmental Conditions for Broadcast Products” TD-00060	
Scope of delivery	Coupling element, sealing and 12x (screws M10x60 DIN 912 and nuts M10 DIN 934)	

Conditions:

*) With an appropriate outer conductor
**) At 40°C ambient temperature; 1 bar inner absolute air pressure; inner conductor temperature 150°C

Template TD-00003E