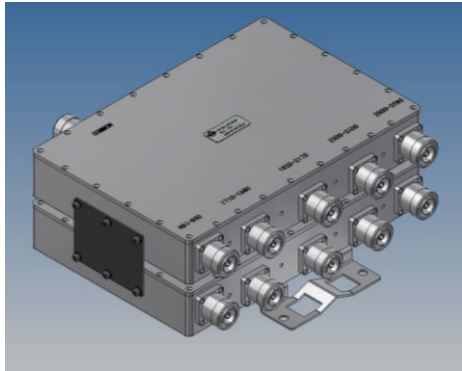
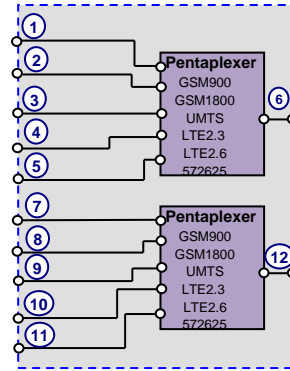


Pentaplexer LTE700-GSM900/GSM1800/UMTS/LTE2300/LTE2600 Double Unit



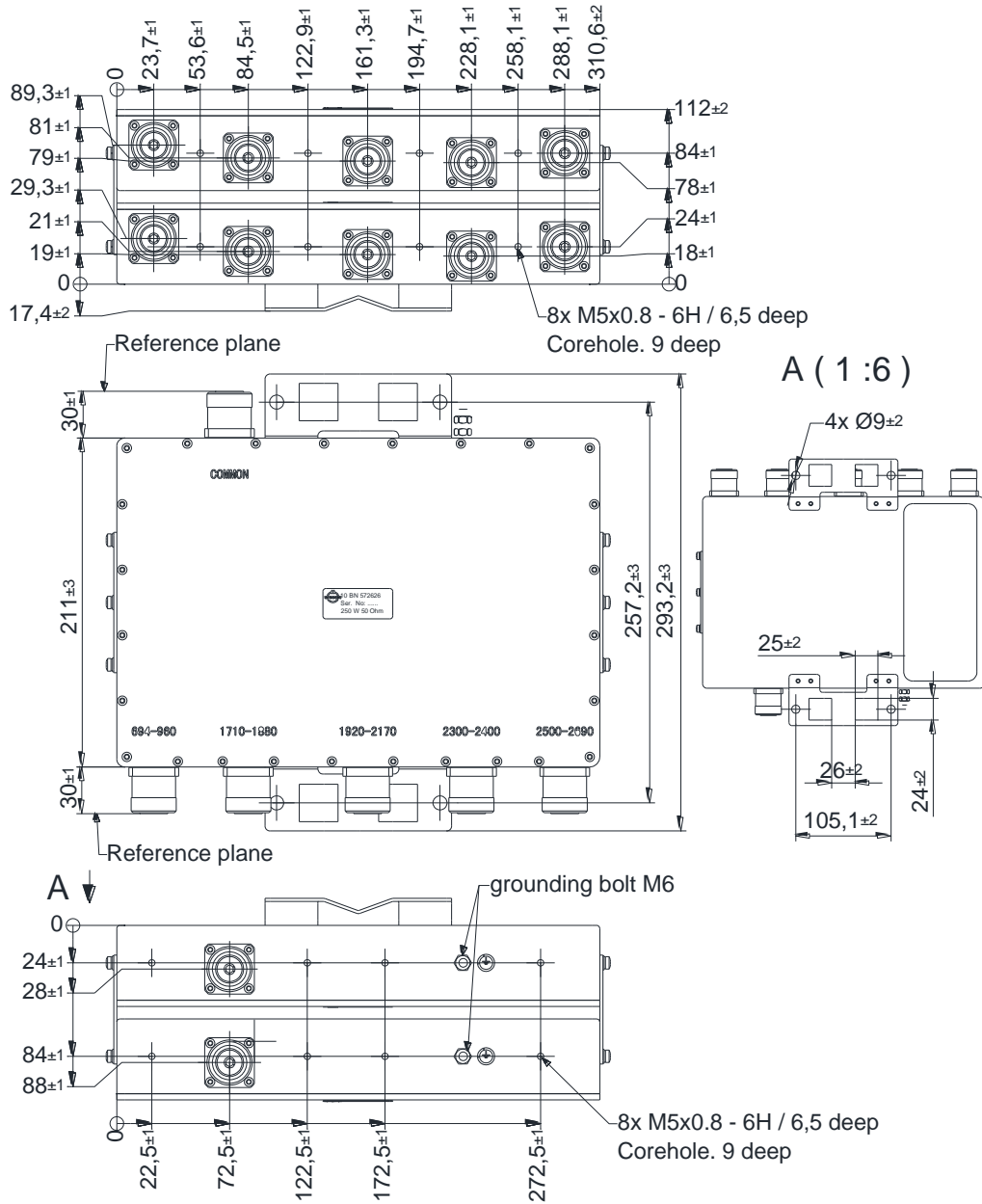
not binding



Block Diagram

Part number		BN 572626
Connectors		7-16 female (long neck) (50 Ohms)
Frequency range	Port 1 or Port 7	694 – 960 MHz
	Port 2 or Port 8	1710 – 1880 MHz
	Port 3 or Port 9	1920 – 2170 MHz
	Port 4 or Port 10	2300 – 2400 MHz
	Port 5 or Port 11	2500 – 2690 MHz
Insertion loss	Port 1 → Port 6 or Port 7 → Port 12	≤ 0.2 dB (typ. 0.15 dB)
	Port 2,3 → Port 6 or Port 8,9 → Port 12	≤ 0.4 dB (typ. 0.3 dB)
	Port 4,5 → Port 6 or Port 10,11 → Port 12	≤ 0.4 dB (typ. 0.3 dB)
Isolation	Port 1 ↔ Port 2 ↔ Port 3 ↔ Port 4 ↔ Port 5	≥ 50 dB (typ.55 dB)
	Port 7 ↔ Port 8 ↔ Port 9 ↔ Port 10 ↔ Port 11	≥ 50 dB (typ.55 dB)
VSWR		≤ 1.25 (typ. 1.2)
Power rating		≤ 250 W (CW) per port
IM – value 3rd order @ 2 x 20W		≤ -155 dBc typical: ≤ -160 dBc
DC-by-pass		Port 1,2,3,4,5 to Port 6 and Port 7,8,9,10,11 to Port 12 (max. 1A per input max. 60V DC (AISG Standard, 2.0, § 6.4))
Surge Protection		3 kA (10/350 μs)
Degree of protection		IP 67 outdoor use
Environmental conditions		ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Wall / Mast mounting		part of delivery
Temperature range		-25 °C – +65 °C

Dimensions:

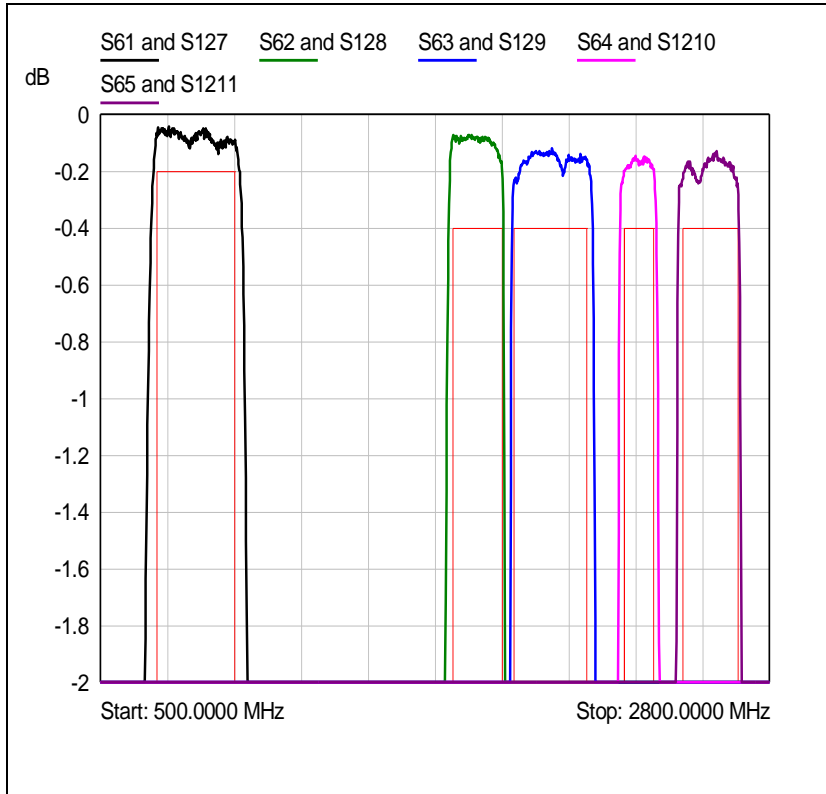


Standard:

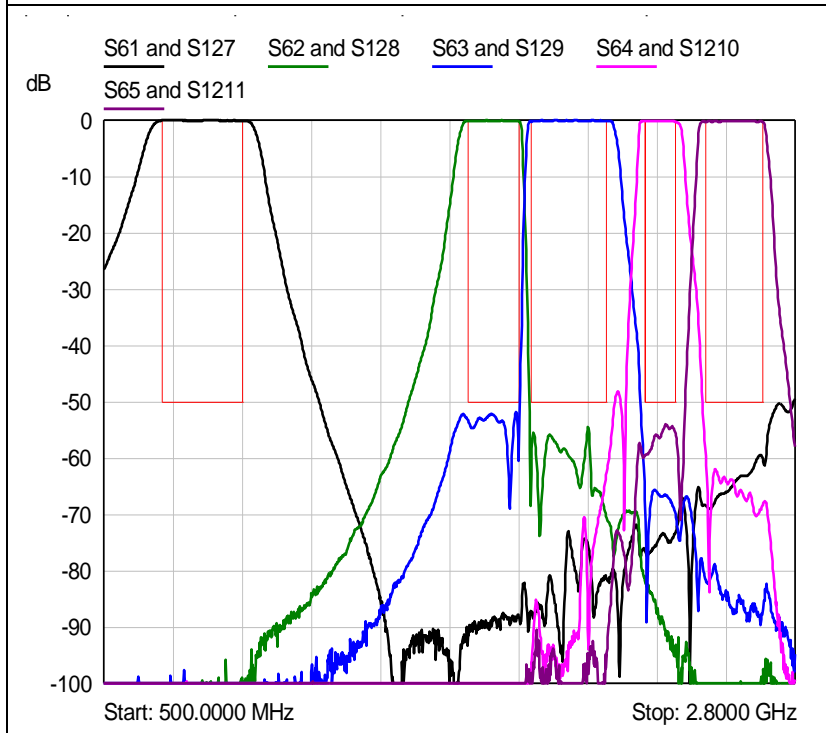
7-16 female (50 ohms): CECC 22190, IEC 61169-4

modifications reserved

Measurements:



- typical for: S61 and S127 (694-960 MHz)
- typical for: S62 and S128 (1710-1880 MHz)
- typical for: S63 and S129 (1920-2170 MHz)
- typical for: S64 and S1210 (2300-2400 MHz)
- typical for: S65 and S1211 (2500-2690 MHz)



- typical for: S61 and S127 (694-960 MHz)
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