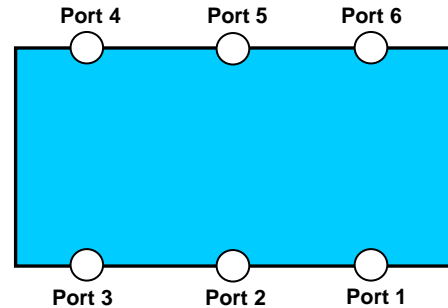
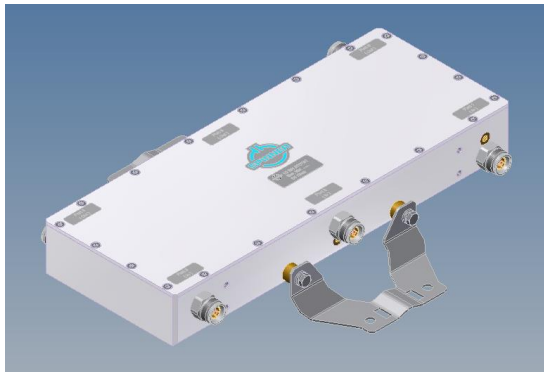
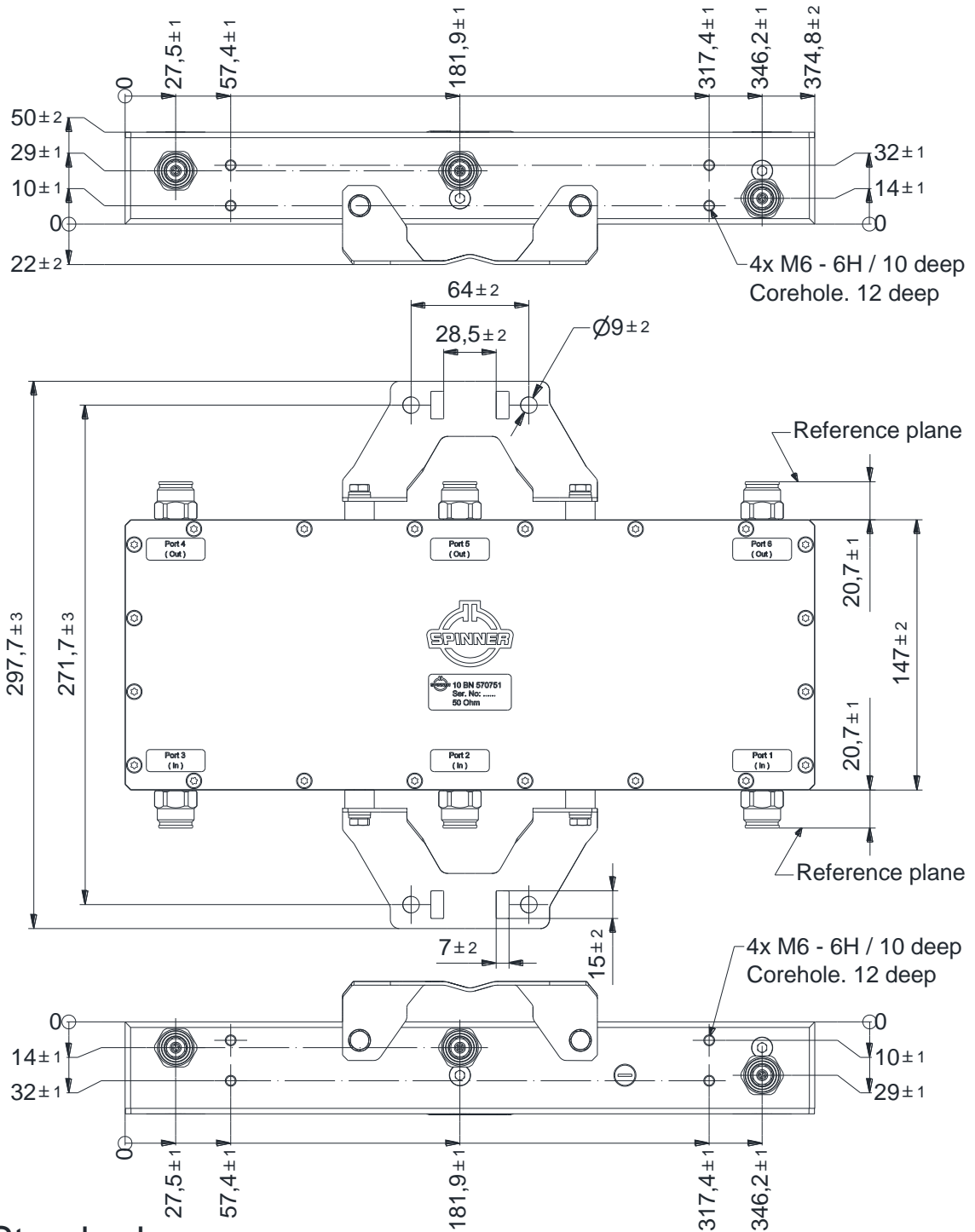


3:3 COMBINER 694-3800 MHz Compact Version



Part number	BN 570751
Connectors	4.3-10 female (50 Ohms)
Port 1 - 3	Input ports
Port 4 - 6	Output ports
Frequency range	694 - 3800 MHz
Insertion loss	
Port 1, 2, 3 → Port 4	5.0 dB ± 0.8 dB (@694 - 2700MHz)
Port 1, 2, 3 → Port 5	5.0 dB ± 1.0 dB (@2700 - 3800MHz)
Port 1, 2, 3 → Port 6	
Isolation	≥ 30dB   typ. 35 dB
VSWR	≤ 1.20   typ. 1.08
Max. input power per port	500 W
IM-value 3rd order @ 2 x 20W	≤ -160 dBc   typ. -165 dBc
Test voltage	500 V
Degree of protection	IP 65 outdoor
Class. of 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
Weight	5.6 kg
Operating temperature	-40°C - +70°C

**Dimensions:**



**Standard:**

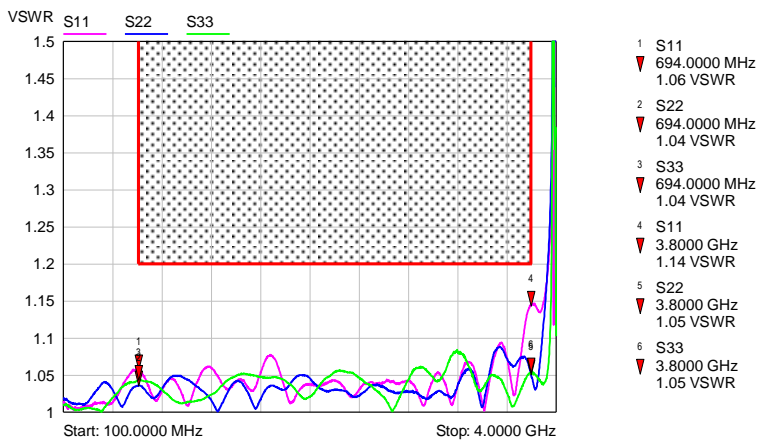
4.3-10 female (50 ohms): IEC 61169-54

Modification reserved

Measurements:

**Sample1:**

**VSWR:**

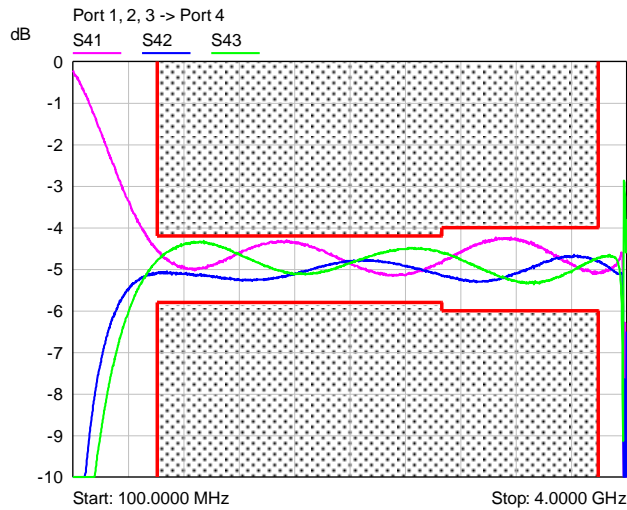


— typical for: S11

— typical for: S22

— typical for: S33

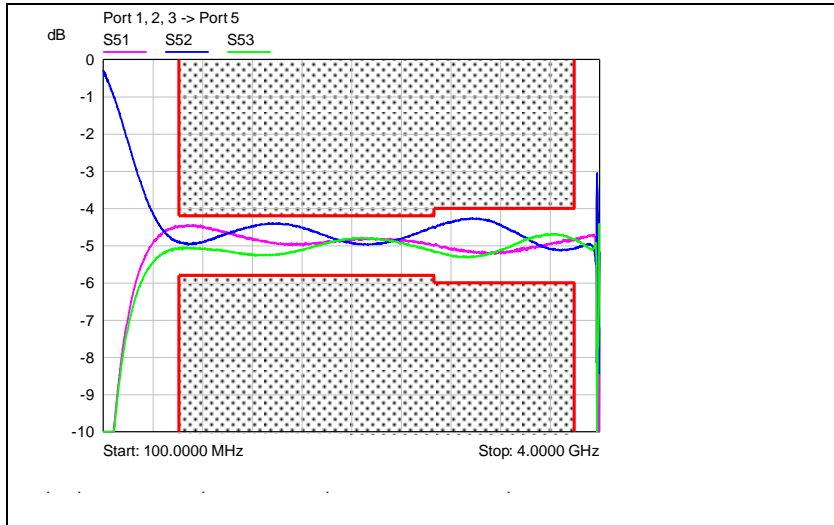
**Insertion loss:**



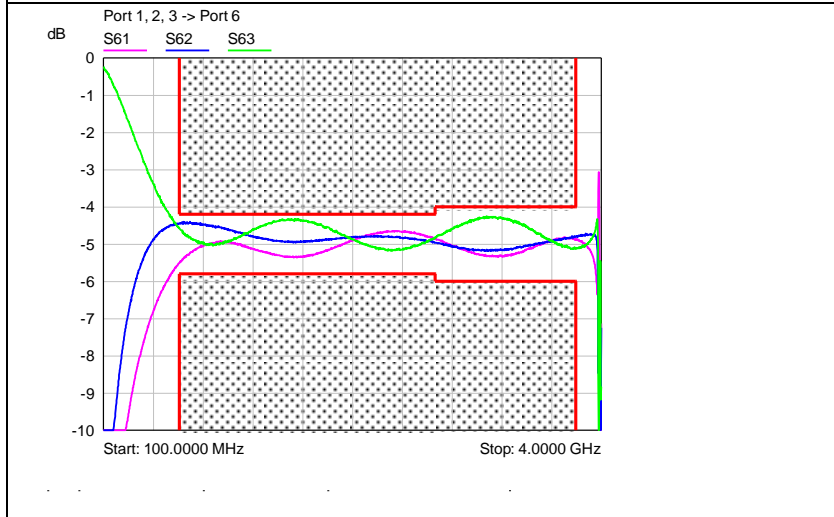
— typical for: S41

— typical for: S42

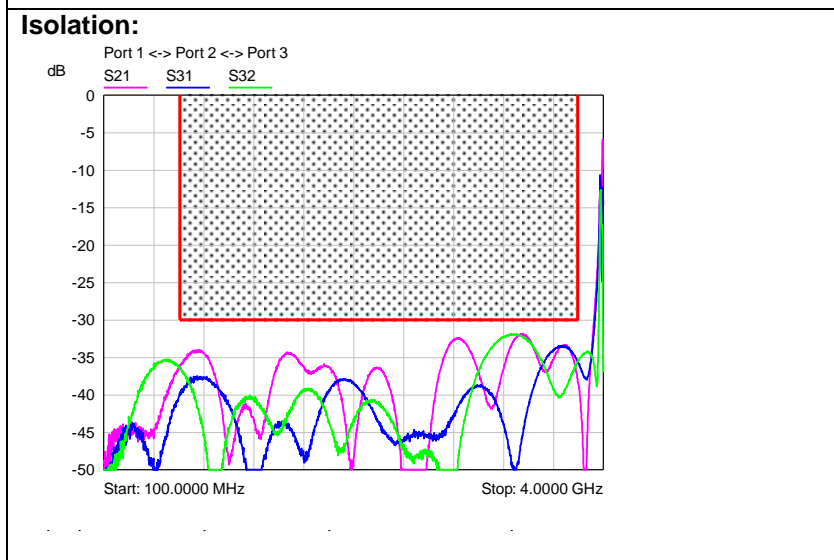
— typical for: S43



— typical for: S51  
— typical for: S52  
— typical for: S53



— typical for: S61  
— typical for: S62  
— typical for: S63



— typical for: S21  
— typical for: S31  
— typical for: S32