

## 2 and 3 Way Reactive High Power Splitters

### DESCRIPTION

- 2 and 3 way high power splitter covering the 70 - 470 MHz band.
- Excellent high power performance.
- Low insertion loss and good impedance match.
- Low specified PIM.
- Power splitters are frequently used in distributed antenna systems in buildings or tunnels.
- The power splitter splits the signal evenly and with minimal loss and reflections.
- Application area: Antennas arrays; radiating cables and distributed antenna systems.



### SPECIFICATIONS

Electrical		
Model	PRO-HPS2 70-470	PRO-HPS3 70-470
Frequency	70 - 470 MHz	
Max. Input Power	500 W	
Split Ratio	1:2	1:3
Insertion Loss	< 3.3 dB	< 5.1 dB
Impedance	50 Ω	
Input VSWR	< 1.3:1	
Amplitude Balance	± 0.3 dB	
Split Loss	3 dB	4.8 dB
Passive Intermodulation	< -155 dBc (with N-connectors) < -160 dBc (with 7/16 DIN-connectors)	

Mechanical		
Compliance	RoHS, IP66	
Connection(s)	N(f)	
Dimensions	Approx. 1114 x 94 x 45 mm / 43.86 x 3.70 x 1.77 in.	Approx. 1288 x 94 x 45 mm / 50.71 x 3.70 x 1.77 in.
Weight	Approx. 1.25 kg / 2.76 lb.	
Mounting	4.2 mm dia. (2 pcs.)	

Environmental		
Operating temperature range	-30 to 60 °C	

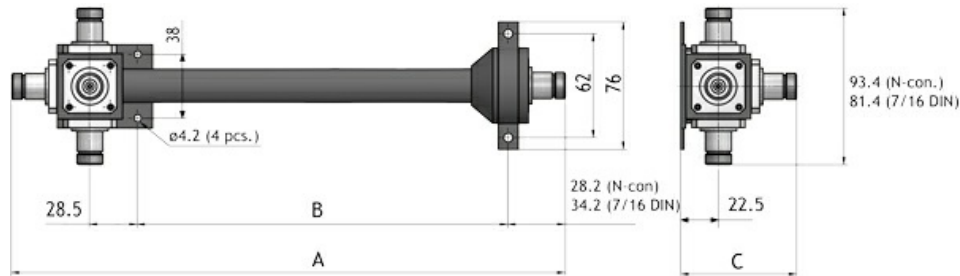
### ORDERING

Model	Product No.	Description
PRO-HPS2 70-470-7/16(f)	200002589	2-way splitter
PRO-HPS2 70-470-N(f)	200002552	2-way splitter
PRO-HPS3 70-470-7/16(f)	200002590	3-way splitter
PRO-HPS3 70-470-N(f)	200002591	3-way splitter

DIMENSIONS

TYPE	A	B	C
PRO-HPS2 70-470-N(f)	1114	1033	45
PRO-HPS2 70-470-7/16(f)	1108	1033	45
PRO-HPS3 70-470-N(f)	1288	1207	45
PRO-HPS3 70-470-7/16(f)	1282	1207	45

MOUNTING DETAILS



All dimensions are given in mm.

