

Quarter-wave shorting stub surge arrestors

DESCRIPTION

- Good RF performance.
- Multiple lightning strike capability.
- Maintenance free operation.
- Available with 7/16 DIN-female or N-female connectors.
- Integrated High-Pass - characteristic.
- Very low insertion loss - typical < 0.2.
- No DC-short from station to ground.
- Sturdy 6 mm bolt/thread for grounding when not grounded via mast.
- Mounted on 5 mm stainless steel plate.
- Mountable directly on tower leg up to $\varnothing 54$ mm



ORDERING

Model	Product No.
LGP 140-200-N(f)	210002136
LGP 140-200-7/16(f)	210002137
LGP 380-520-N(f)	210002135
LGP 380-520-7/16(f)	210002052

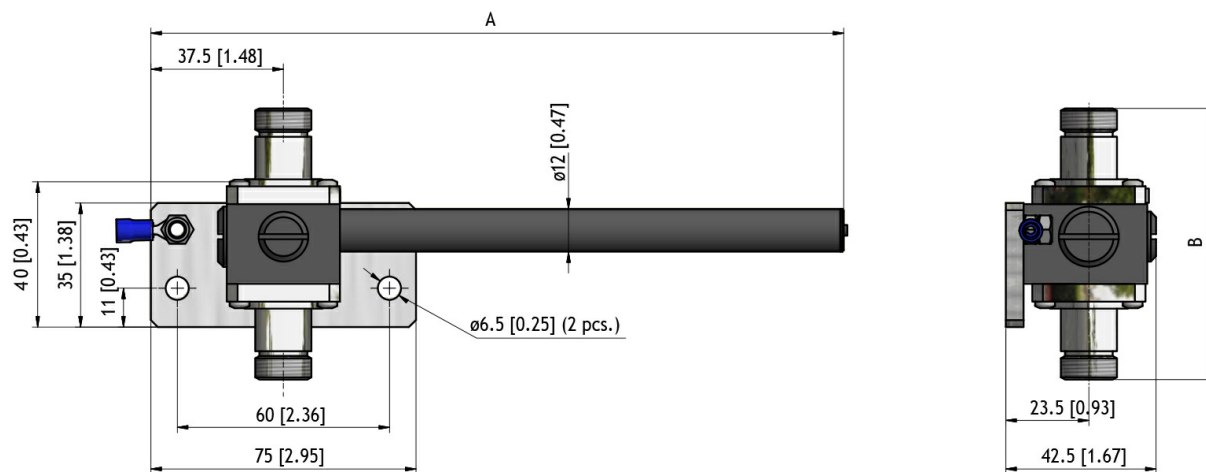
DIMENSIONS

TYPE	A	B
LGP 140-200-N(f)	355 mm (13.98 in.)	76.5 mm (3.01 in.)
LGP 140-200-7/16(f)	355 mm (13.98 in.)	66 mm (2.56 in.)
LGP 380-520-N(f)	196 mm (7.72 in.)	76.5 mm (3.01 in.)
LGP 380-520-7/16(f)	196 mm (7.72 in.)	66 mm (2.56 in.)

SPECIFICATIONS

Electrical		
Model	LGP 140-200	LGP 380-520
Frequency	140 - 200 MHz	350 - 520 MHz
Max. Input Power	500 W	
Insertion Loss	< 0.2 dB	
Impedance	50 Ω	
VSWR	Max. < 1.3:1	
Surge Capacity	100 kA (test pulse 8/20 μ s)	
Residual Pulse Energy	0.03 μ J typ. (test pulse 4 kV 1.2/50 μ s, 2 kA 8/20 μ s)	
Mechanical		
Connection(s)	7/16 DIN(f) or N(f)	
Dimensions	Approx. 35 (excl. conn.) x 42.5 x 355 mm / 1.38 x 1.67 x 13.98 in.	Approx. 35 (excl. conn.) x 42.5 x 196 mm / 1.38 x 1.67 x 7.72 in.
Weight	Approx. 650 g / 1.43 lb.	Approx. 550 g / 1.21 lb.
Environmental		
Operating Temperature Range	-55° C to 80° C	
Ingress Protection	IP65	

MOUNTING DETAILS



All dimension are given in mm [in.]

