



Roxtec WaveGuide Seal ES (Bolted)

Penetration seal for Electromagnetic shielding, for fiber optic cables.

The Roxtec WGS ES is designed for routing non-metallic fiber optic cables into a shielded enclosure while maintaining the enclosure's electromagnetic integrity. The waveguide seal protects electronics from electromagnetic threats such as EMP and HEMP. The solution offers both environmental protection and electromagnetic shielding in a single solution. It is a high-performance product, based on a waveguide technique, offering minimum 100dB shielding effectiveness. This version is for bolting to the structure. The sealing modules can be adapted to different sizes of fiber optic cables and can also be used to build in spare capacity in the transit.

- Quick and easy to install
- Easy to maintain and inspect

Roxtec



Product characteristics



Watertight

Gas-tight **IP/UL NEMA**



Structure of installation

Mounting type





Ratings & certificates

Fire

- A-CLASS according to IMO 2010 FTP Code
- Tightness
- Gas: 0.67 bar (catastrophic)
- Water: 1 bar (catastrophic)
- IP 66/67

Supports

Electromagnetic shielding

Pre-configured transit kits

mm/kg

Product



WGS ES 1GHz/4 AISI316 WGS ES 10GHz/9 AISI316 WGS ES 10GHz/4 AISI316 WGS ES 18GHz/4 AISI316 WGS ES 6GHz/4 AISI316



WGS ES 1GHz/4 AISI316 WGS ES 10GHz/9 AISI316



WGS ES 18GHz/4 AISI316



WGS ES 6GHz/4 AISI316

Configuration	Aperture dimensions Ø	Weight	Art. no
4x (3.5-15.0)	48 - 58	1.2	213859
9x (3.5-9.0)	60 - 63	2	213858
4x (3.0-9.0)	42 - 45	1.1	213857
4x (3.0-5.0)	34 - 40	0.8	213856
4x (3.5-14.0)	48 - 58	1.6	213860



Read more about the solution on roxtec.com

https://www.roxtec.com/linktransit/en-gb/solution/37033



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