

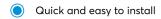


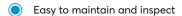
Roxtec WaveGuide Seal ES (Welded)

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 welding 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.







Product characteristics











Fire rated

Watertiaht

Gas-tiaht

EMI protection

Structure of installation





Mounting type



Ratings & certificates

Fire

A-CLASS according to IMO 2010 FTP Code

Tightness

- Gas: 0.67 bar (catastrophic)
- Water: 2.5 bar (catastrophic)
- IP 66/67

Supports

Electromagnetic shielding

Pre-configured transit kits

in/lbs



WGS ES 18GHz/4 W



WGS ES 10GHz/4 W



WGS ES 6GHz/4 W



WGS FS 10GHz/9 W



WGS FS 1GHz/4 W

Product	Configuration	Aperture dimensions	Weight	Art. no
WGS ES 18GHz/4 W AISI316	4x (0.118-0.197)	1.339 - 1.89	1.7	213870
WGS ES 10GHz/4 W AISI316	4x (0.118-0.354)	1.457 - 1.89	1.9	213871
WGS ES 6GHz/4 W AISI316	4x (0.138-0.551)	1.929 - 2.677	3.4	213874
WGS ES 10GHz/9 W AISI316	9x (0.138-0.354)	2.008 - 2.677	3.4	213872
WGS ES 1GHz/4 W AISI316	4x (0.138-0.591)	1.929 - 2.677	2.6	213873

2024-04-27



Read more about the solution on roxtec.com

https://www.roxtec.com/linktransit/en-us/solution/37032



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This document was generated on: 2024-04-27

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