RF Shielded Pipe Penetrations for Fibre Optic Cables

European EMC Products

Product Datasheet

European EMC Products manufacture RF Shielded Pipe Penetrations for up to four Fibre Optic Cables, even if the connectors are fitted.

The assembly has a threaded centre plug surrounded by four slots for the fibre optic cables. The centre plug is

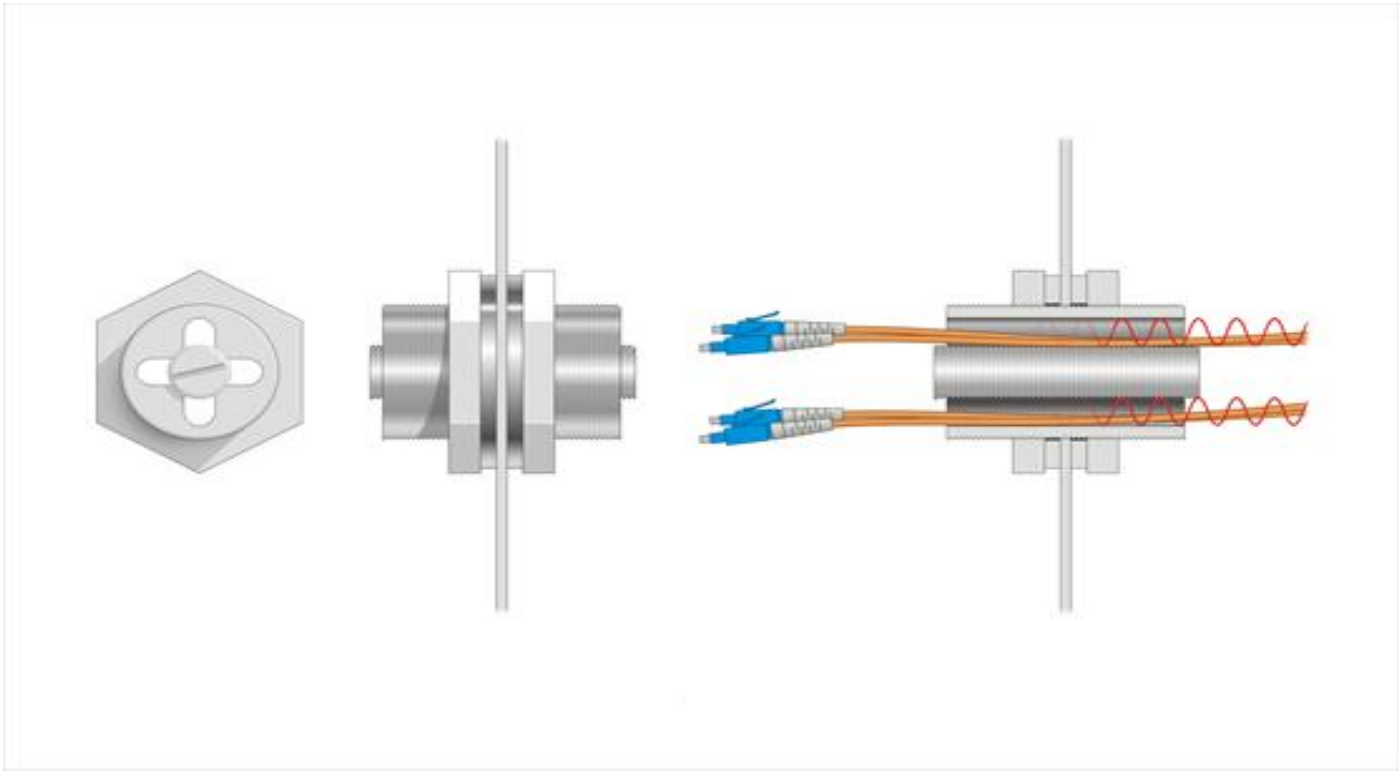
Specifications:

Body Thread Size 50 mm
Clearance Hole Diameter 52 mm
Material Zinc plated steel
Effective Length 75 mm
Overall Length 90 mm
Waveguide Bore Diameter 9 mm
Plug Bore Diameter 20 mm

Shielding effectiveness (SE) for radiated signals:

Magnetic mode:	20dB at 10 kHz rising to 80 dB at 10 MHz
Electric mode:	80 dB from 10 MHz to 10 GHz

Inserted after the fibre optic cables are put in place. This design allows for ease and flexibility of use.



For Further Information Visit: www.euro-emc.co.uk
info@euro-emc.co.uk

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About Us

Established in 1996, European EMC Products (EEP) are an established British company whose experience and understanding of the science of shielding makes it an ideal partner in whom you can place your trust with confidence.
The purpose of installing EEP shielding systems is to protect people and equipment against the threats posed by electromagnetic and radio frequency (RF) interference, radiation, magnetic fields and electromagnetic pulses.
Our diverse range of turnkey products and services, including design, project management, testing and consultancy are delivered across multiple sectors to an international client base.

Quality

European EMC Products Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.
Registered Scope: The design, assembly, installation, servicing and testing of RF Shielded Structures and equipment including EMI Shielding, Blast Doors, Gas Tight Doors and specialised mobile Electromagnetic Pulse Protection (EMPP) containers.
Radio Frequency, Magnetic Shielding and Quench systems for MRI (Magnetic Resonance Imaging) scanners.
The design, assembly and installation of Ionising Radiation Protection facilities.
The design, manufacture and installation of LED lighting systems for medical applications.
EEP Filters Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.
Registered Scope: The design, manufacture, management of installation and testing of high performance EMC and EMP Power and Data Line Filters.

Disclaimer

NB: All the information provided within this datasheet is for reference only. Product specifications are subject to change without notice.