

FIBRE OPTIC BOT (BREAK-OUT TERMINAL)

H3RO

HARSH ENVIRONMENT RETICULATED OPTICS

Description

The H3RO BOT (Break-Out Terminal) is a component of the H3RO industrial network solution for flexible Optical Distribution Network (ODN) applications. The robust H3RO solution consists of a number of modular plug and play components that can be combined to form a complete system. Combined with H3RO cabling the nine BOT (Break-Out Terminal) variants in the H3RO range allow for various fibre deviations to be performed without the need for specialist on-site fibre optic technicians, significantly reducing downtime in the event of a fault. The modularity of the H3RO environment allows significant cost savings as it simplifies installation and repair and provides opportunity for standardisation in network hardware and configuration. It has the added advantages of being scalable, boasting the ability to be utilised for repair and extension of existing fibre installations as well as being the perfect choice for new projects. The passive optical networking (PON) capability allows carrier grade point to point fibre optic principles to be easily implemented in industrial environments.

Features

- Robust IP68 rated for use in harsh environments
- Durable construction with static protection
- True plug and play functionality
- Compatibility with existing network infrastructure (SC, LC, ST connections)
- Significant cost reduction compared to traditional fibre installations
- Passive network system reducing active switching equipment
- High performance single mode fibre
- Reduced downtime due to the ease of installation
- Elimination of expensive, fault prone patch panels with BOTs and bulkheads
- Consolidation of spares, achieved with off the shelf consumable products
- Flexible mounting solutions including DIN, channel, fixed, cable, and mesh support

Application

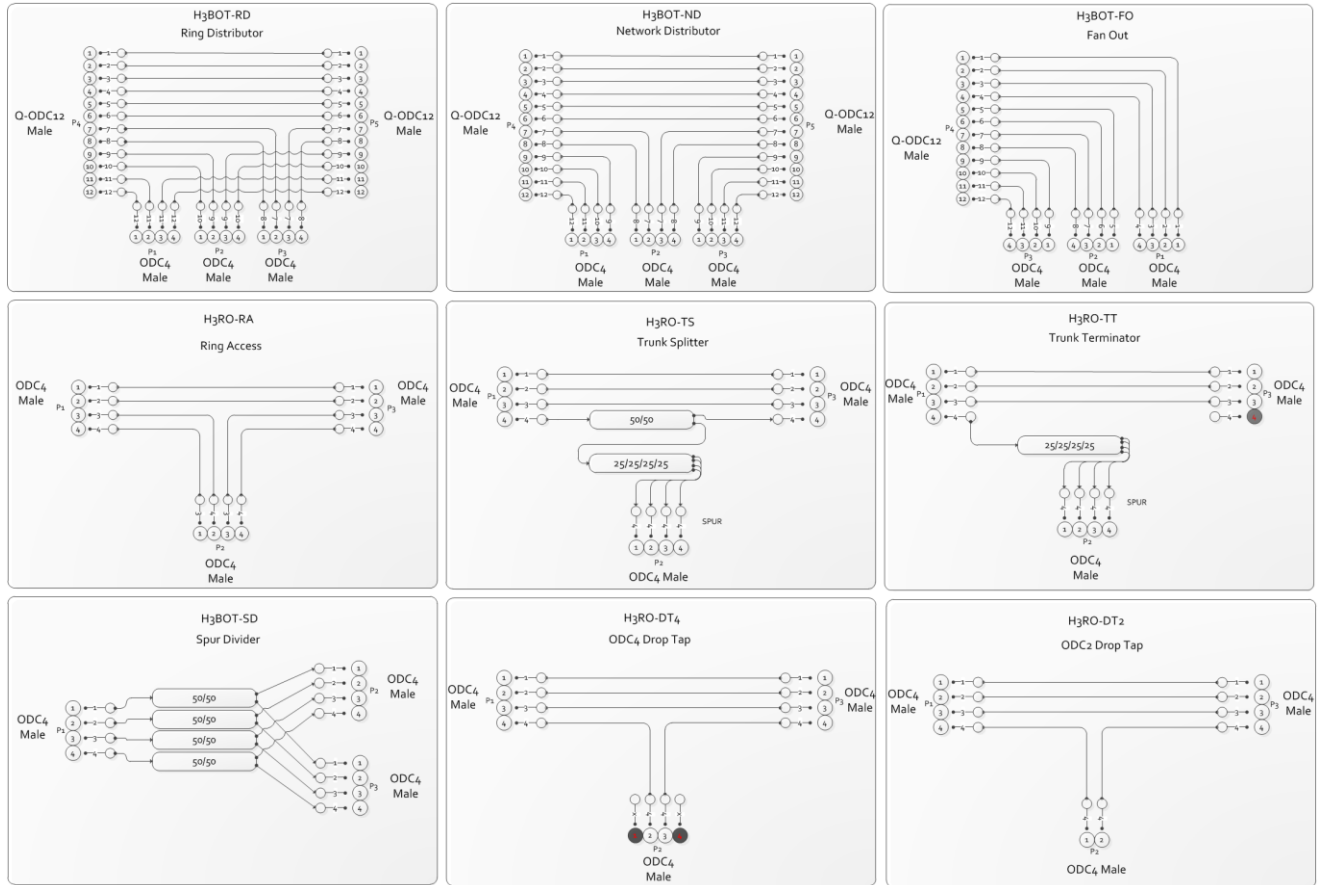
The H3RO solution is an IP68 rated fibre optic cabling solution consisting of fibre optic Break-Out Terminals (BOTs), cabling, bulkheads and accessories. Manufactured to the highest standards, the BOT base is constructed from CNC machined nickel plated brass while the upper section consists of an injection molded durable anti-static polymer.

H3RO BOTs suit easy placement at desired locations throughout the network and are connected together via pre-terminated H3RO cables available in a range of lengths. H3RO BOTs reduce the cost, complexity and physical footprint of network installations. They do not require fibre technicians to install and individual components can be swapped without the need for a specialist with optical fibre splicing skills.

The BOTs are available in a range of configurations for both active Ethernet and Passive Optical Network (PON) applications.



BOT Variants



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Specifications		
General		
<i>Compliance</i>	The products antistatic properties comply with MDG3608, 7.2.2.1.	
<i>Decibel Losses - 12 core</i>	≤ 0.1 dB (typical)	0.3 dB (max)
<i>Decibel Losses - 4 core</i>	≤ 0.2 dB (typical)	≤ 0.45 dB (max)
Mechanical and Environment		
<i>IP Rating</i>	IP68 (AS 60529 – 1m submersion for 2 weeks)	
<i>Operating Temperature Range</i>	-40°C up to +85°C (Connectors)	
<i>Dimensions (H x W x D) (mm)</i>	155.3 x 120 x 97.5	
<i>Weight (kg)</i>	< 1.60kg	
Find Out More		
For more information on this product, contact Ampcontrol Customer Service on +61 1300 267 373 or customerservice@ampcontrolgroup.com or visit the Ampcontrol website: www.ampcontrolgroup.com		

Ordering	
Part Number	Description
173204	FOBOT H3RO RING DISTR
175210	FOBOT H3RO NETWORK DISTR
173206	FOBOT H3RO FANOUT
173205	FOBOT H3RO RING ACCESS
173207	FOBOT H3RO TRUNK SPLITTER
173208	FOBOT H3RO TRUNK TERM
173209	FOBOT H3RO SPUR DIVIDER
173210	FOBOT H3RO DROP TAP 4
173211	FOBOT H3RO DROP TAP 2

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