

Ridgmount – Breakout Manifold Kit



A secure link starts with the selection and specification of a reliable, high performance connection. Ridgmount Technologies has over 20 years of experience designing and manufacturing fibre optic connectors for a variety of applications.

The Ridgmount Breakout Manifold is ideal for pre-connectorisation of both indoor and outdoor cables.

It has been designed to ensure that a consistent product is manufactured and that fibre failures due to twist and tension are prevented. An assembly tool simplifies and reduces the epoxy free termination process.

The Ridgmount manifold is supplied with all accessory parts to crimp a variety of cable sizes and can be used with 250µm and 900µm fibre cables by the selection of the appropriate fan-out tube.

The breakout tube can be purchased pre-assembled into the manifold head or on 1km drums. See separate TDS for breakout tube specification.

Applications

Ridgmount Technologies Ltd Break-Out Manifold is ideal for equipment and network infrastructures on the following network types.

- Industrial Transport Control
- Security & Surveillance Systems
- **CATV & Broadcast Systems**
- Base Station Interconnection
- **Storage and Data Centres**
- LAN Ethernet Networks
- **FTTH Distribution**

Part Number	Description
250 2000 001J	RMT Break Out Manifold Kit [No Head]
250 1000 016J	RMT Break Out Manifold Kit [16F]
250 1000 024J	RMT Break Out Manifold Kit [24F]
250 2161 020F	Manifold Head 16F 2.4mmLSZH Yellow 2m
250 2161 020L	Manifold Head 16F 2.4mmLSZH Aqua 2m
250 2161 020B	Manifold Head 16F 2.4mmLSZH Orange 2m
250 2161 020E	Manifold Head 16F 2.4mmLSZH Grey 2m
250 2242 020F	Manifold Head 24F 2.0mmLSZH Yellow 2m
250 2242 020L	Manifold Head 24F 2.0mmLSZH Aqua 2m
250 2242 020B	Manifold Head 24F 2.0mmLSZH Orange 2m
250 2242 020E	Manifold Head 24F 2.0mmLSZH Grey 2m
250 4000 13	Break Out Tube 2.4/0.9/0.5mm Yellow 1km
250 4000 12	Break Out Tube 2.4/0.9/0.5mm Aqua 1km
250 4000 15	Break Out Tube 2.4/0.9/0.5mm Orange 1km
250 4000 16	Break Out Tube 2.4/0.9/0.5mm Grey 1km
250 4100 13	Break Out Tube 2.4/1.4/1.1mm Yellow 1km
250 4100 12	Break Out Tube 2.4/1.4/1.1mm Aqua 1km
250 4100 15	Break Out Tube 2.4/1.4/1.1mm Orange 1km
250 4100 16	Break Out Tube 2.4/1.4/1.1mm Grey 1km
250 2800 020J	RMT Manifold Pulling Sock 32-28 Black 2.0m
250 9000 0007	RMT Manifold Assembly Jig [Optional]
250 9000 0008	RMT Manifold Assembly Instructions
250 9000 0009	RMT Manifold Application Notes

RMT Manifold	Specification
Standards	IP68 [not including tubing]
Operating Temperature	-20°C to +70°C
Diameter [Max]	26mm
Length	142mm [86mm not including boot]
Connector Body	Polyamide & Acetyl UL94-Vo
Connector Crimp & Anti-twist	Stainless Steel
Connector Boot	Polyamide UL94 Vo
Fibre Sizes	250µm, 600µm or 900µm
Cable Sizes	4.0mm to 9.0mm
Cable Retention	>100N [dependent on cable type]
Tube Retention	>70N
Crush Resistant	
Options	16F with 2.4mm Fan-Out Tubes* 24F with 2.0mm Fan-Out Tubes*

*Capacity doubles when used with Ridgmount Uniboot Connectors.

Technical Data Sheet

Every effort has been made with material suppliers, sub-contractors and manufacturers to ensure that this product is RoHS compliant.

Part No. 250 Series	DRAWN: CRP	ISSUE: A	CHECKED: ML	DATE: 01/04/09
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Description: RMT Break Out Manifold	Dimensions in millimetres unless otherwise stated. Do not scale.
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Ridgmount Technologies Ltd · Unit 5 Field Farm · Launton · Bicester · OX26 5EL · UK · www.rimot.com · +441869 277233



optimising optical fibre performance