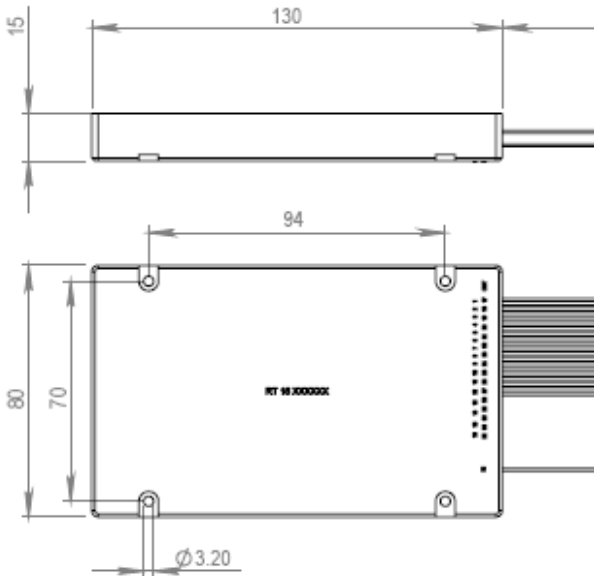


If you are splitting light, coupling wavelengths or monitoring circuits the Ridgemount PLC devices are an ideal choice.

With over 10 years experience in the design, manufacture and installation of planar devices we have developed a comprehensive product range for a variety of applications.

The Ridgemount Modular Cassette can hold up to 64 output ports and two input ports on the end face. Alternatively the input can have a single FC adaptor input port.



### Features

- Module cassette design.
- Screw or Velcro Mounting.
- Industry standard IEC connector interfaces.
- Contains Ridgemount PLC Splitter Device.
- Excellent uniformity.
- Telcordia GR1221 and GR1209 Qualified.
- Ruggedised 2mm or 900µm Sleeved Fibres
- Optional FC Adaptor Input.

### Benefits

- Rugged Space saving design.
- Guaranteed performance. Factory tested.
- Simple to install – no specific training required.
- Suitable for use in external Enclosures.
- Modular Cassette for simple system upgrades.

### Applications

Ridgemount PatchLITE Splitter Device Units are ideal for.

**FTTx Telecoms  
CATV & Broadcast  
Base Station  
Passive Optics**

Part Number 760*	1253	1453	1853	1753	1153	1553	1353	1953	1653
*options available	1x2	1x4	1x8	1x12	1x16	1x24	1x32	1x36	1x64
Fibre Type	Singlemode 9/125 G652d or G657b*								
Wavelength [nm]	1310±40 1550±40	1260nm to 1640nm							
Insertion Loss [dB Max]	3.6	7.4	10.5	12	14	15.5	17.5	18.5	20.3
Uniformity [dB Max]	<0.8	<0.7	<1	<1	<1.5	<1.5	<2	<2.5	<2.5
PDL [dB Max]	<0.4	<0.3	<0.3	<0.4	<0.3	<0.4	<0.3	<0.4	<0.3
Directivity	>55dB Min.								
Return Loss	>55dB Min.								
Operational Temp	-40 C to +85 C								
Module Dimensions	L130mm x W80mm x H15mm [Standard 1m Tails]*								
Input Options	FC Adaptor / Ruggedized Tail 2mm / Secondary Coated Tail 900um*								
Output Options	Ruggedized Tail 2mm / Secondary Coated Tail 900um*								

### Technical Data Sheet

**Part No.** 760 xx53 xxxx      **DRAWN:** CRP      **ISSUE:** B      **CHECKED:** ML      **DATE:** 24/04/09

**Description:** Splitter Module Cassette

Dimensions in millimetres unless otherwise stated.  
Do not scale.

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optimising optical fibre performance