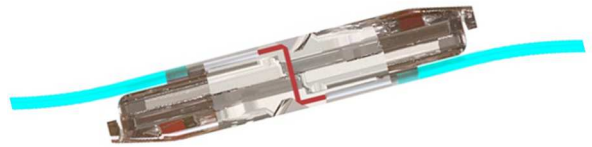


Series Expanded Beam Optical  
**3M™ EBO Connectivity**

**360AXXX**



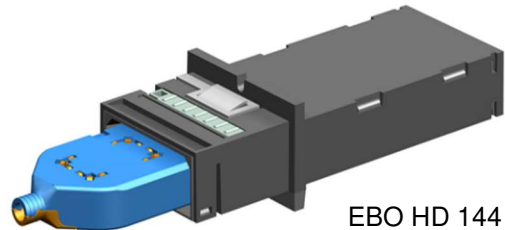
EBO MPE 12



EBO Ferrule



EBO Latch 12



EBO HD 144

**Properties**

Interconnect Solutions deliver high-performance, hermaphroditic, low maintenance, reliable fiber connectivity for future data centers.

**Standards**

GR-1435

Fiber per Ferrule: 12

Fiber Types:

Connector Types:

Molded with Polymer UL 94 HB Rating

Singlemode: OS1, OS2; Fiber Diameter: 125µm

Multimode: OM3, OM4, OM5; Fiber Diameter: 125µm

EBO MPE 12

EBO Latch 12

EBO HD 144

**Housing for connectors**

Singlemode:

Multimode:

Green

Black

**Optical data**

Singlemode:

Multimode:

Operating Wavelength:

Insertion Loss:

0,70 dB

0,30 dB

1310nm SM

Return Loss:

≥ 55 dB

≥ 25 dB

850nm MM

**Mechanical data**

Mating cycles

Mating Force (approx.):

1000

0,7N per Ferrule

**Environmental data**

Operating temperature range

Halogen Free

RoHS

-10°C to +60°C (dependent on the cable type)

Yes

Compliant

**Cable type**

Cable: SM / MM

Cable Outside Diameter:

3.0mm (dependent on fiber count and connector type)

**Packing**

Standard packaging.

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For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Christian Hahn	09.02.24	M. Komarow	06.03.24	001	001	Christian Hahn	06.0.24

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Page  
1 / 1