



PRIZM® LightTurn® Cable Assemblies

Prizm LightTurn® to MTP / MPO Assemblies

PRIZM® LightTurn® fiber assemblies are used to mate between Parallel Optical Devices (POD), it supports simple mating to board-mounted modules and other high density transceivers that deploying parallel optic technology.

The alignment of the PRIZM® fiber assembly and the POD supports a significant increase in optical T/R module density on circuit boards, it improves fiber routing by direct connection to the card edge, optimizing airflow and port density for migrating to the next-generation high speed, high density networks.

Optec's value-added fiber assembly connects PRIZM® connector to the MTP style connector with customized configurations, it is available in 1.6mm round jacketed and bare ribbon cables, with the choices of OM3 or OM4 for using across multiple applications.



Features and Applications

Optimizes PCB space with improvement of air flow and fiber routing

Connects PRIZM® to the MTP with 1.6mm round jacketed & bare ribbon cables

Customized fiber assemblies for POD by using PRIZM® LightTurn® connector

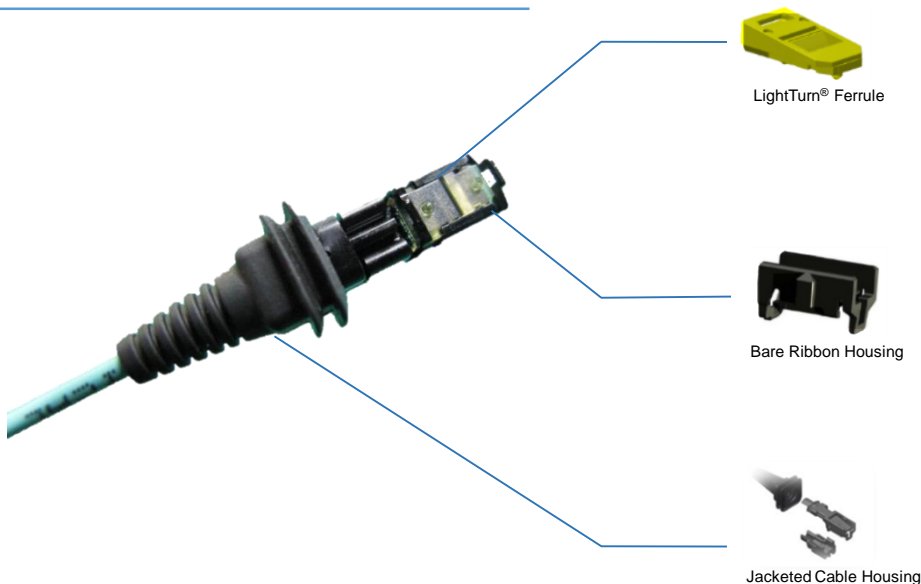
Increases in optical T/R module density on circuit boards with high flexibility.

Options for OM3 or OM4

Satisfies the needs from the customers for various engineering designs and applications

Rapid deployment in high density and speed computing application

Caters for deployment in data centers, electronic devices and telecom sections





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Ordering Information



- | | | | |
|--|--|--|--|
| <p>1 Fiber Count</p> <p>12 = 12 Fiber
24 = 24 Fiber
48 = 48 Fiber
72 = 72 Fiber</p> | <p>2 Cable Jacket</p> <p>LS = Low-Smoke Zero Halogen
PL = Plenum
BR = Bare Ribbon</p> | <p>3 A-End Connector</p> <p>PRM = PRIZM® LightTurn®
MTF = MTP Female
MTM = MTP Male
TTM = MT Male
TTF = MT Female
<i>See note (1)</i></p> | <p>4 A- End Polish</p> <p>P = PC
O = No Polish (PRIZM®)</p> |
| <p>5 B-End Connector</p> <p>PRM = PRIZM® LightTurn®
MTF = MTP Female
MTM = MTP Male
TTM = MT Male
TTF = MT Female
<i>See note (1)</i></p> | <p>6 B- End Polish</p> <p>P = PC
O = No Polish (PRIZM®)
N = Pigtail</p> | <p>7 Cable Length</p> <p>xxx = 001~999
<i>(please specify)</i>
<i>See note (2)</i></p> | <p>8 Unit of Measure</p> <p>N = Inch
C = Centimeter</p> |

- Notes**
- (1) Connectors other than the above mentioned may available, please contact our sales team for details
 - (2) Cable length is measured from connector ferrule tip to connector ferrule tip

Product Illustration & Examples

Example: **Ordering code :** PRZ-12-BR-PRM-0-MTM-P-050-C
Item Description: Prizm-LT to MTP-Male 12-fiber, OM3, Bare Ribbon Cable, Length: 50cm

