



OVERVIEW

Zemecs F5150 Singlemode SC/APC connectors comply with ITU-T G.652.D, G.657.XX, ANSI/TIA 568-3.D, EIA/TIA 492-CAAA, IEC 60874, IEC 61754 and ISO/IEC 11801 standards. Using a sophisticated V-groove design, is used to connect two optical fibers or cables to form a reusable passive component that forms a continuous optical path.

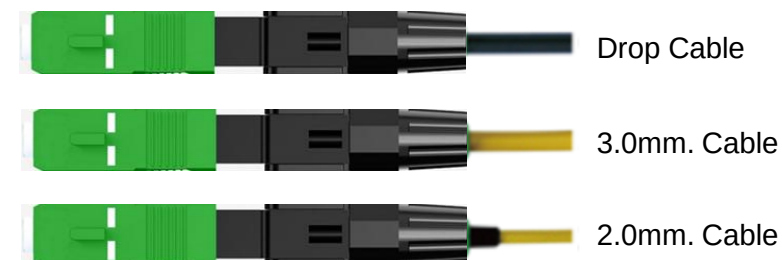


FEATURES

- Compatible with drop and round cables
- With built in embedded fiber
- Main housing supports the whole and fix locking cable
- Return loss ≥ 55 dB
- 50N. tensile strength
- -40°C / +85 °C operation temperature
- With dust covers
- RoHS 2011/65/EU compliant

APPLICATIONS

- FTTX
- Ethernet backbone temporary or permanent connection
- Outdoor optical fiber temporary connection
- Military optical fiber network connection



**MATERIAL AND PHYSICAL SPECIFICATIONS**

Housing Material	Termoplastics	
Ferrule Material	Ceramic	
Suitable Cable Types	3.0, 2.0 (with tube)	mm.
Length	60	mm.
Colour	Green	

MECHANICAL SPECIFICATONS

Tensile Strength (Drop/round cable)	50/40	N., Min.
Durability	500	Cycles
Reusability	5	Cycles

OPTICAL SPECIFICATIONS

Insertion Loss (@1310nm.&1510nm.)	0,30 / 0,35	dB., (Typical/Max.)
Return Loss (@1310nm./ 1510nm.)	58 / 55	dB., Min.

ENVIRONMENTAL SPECIFICATIONS

Transportation and Storage Temperature	-40 / +85	°C
Installation Temperature	-40 / +75	°C
Operation Temperature	-40 / +75	°C
Relative Humidity	10 - 90, Non-condensing	%

COMPLIANCE

Generic Cabling And Cabling Components Standards					
•	ITU-T G.652.D, G657.XX	•	IEC 60874-1	•	IEC 60754-2
•	ANSI/TIA 568-3.D	•	IEC 61754-4	•	IEC 61034
•	ISO/IEC 11801	•	IEC 60794	•	EN 50268
Standards For The Restriction Of Use Of Hazardous Substances In Electrical And Electronic Equipments					
•	2011/65/EU (RoHS-2)				

PART NUMBER CODING

Part Nr.	Product Description
F5150	Zemecs Singlemode SC/APC Field Connector

