



OVERVIEW

Zemecs Singlemode LC/UPC couplers comply with ITU-T G.652.D, ANSI/TIA 568-3.D, EIA/TIA 492-CAAA, IEC 60874, IEC 61754 and ISO/IEC 11801 standards. They are used to connect pigtails to patch cords in indoor and outdoor panels and closures. When quad port couplers are installed, 96 fibers can be terminated at 1RU height.

MATERIAL SPECIFICATIONS

COMPONENT	TYPE	MATERIAL	COLOUR
Housing	LC	Termoplastics	Blue
Ferrule	N/A	Zirconia Ceramic	N/A
Flange	N/A	Stainless Steel	

OPTICAL SPECIFICATIONS

Insertion Loss @1310nm.	0,30	dB., Max.
Return Loss	50	dB., Min.
Attenuation @1.310nm./ 1.550nm.	0,34/0,25	dB., Max.

ENVIRONMENTAL SPECIFICATIONS

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

FEATURES

- Return loss ≥ 50 dB
- -40°C / +85 °C operation temperature
- RoHS 2011/65/EU compliant
- With dust covers



APPLICATIONS

- Pigtail-patch cord connectivity in 10G and 1G fiber optic networks
- Fiber optic wall outlets
- Patch cords and panels

COMPLIANCE

Generic Cabling And Cabling Components Standards

• ITU-T G.652.D	• IEC 60874-1
• ANSI/TIA 568-3.D	• IEC 61754-4
• ISO/IEC 11801	• IEC 60794

Standards For The Restriction Of Use Of Hazardous Substances In Electrical And Electronic Equipments

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| • 2011/65/EU (RoHS-2) |
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PART NUMBER CODING

Part Nr.	Product Description
F5SD-64U2	Zemecs SM Duplex Coupler, UPC Type, LC
F5SD-64U1	Zemecs SM Simplex Coupler, UPC Type, LC
F5SD-64U4	Zemecs SM Quad Coupler, UPC Type, LC

