



OVERVIEW

Zemecs Singlemode SC/APC 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 telecommunication applications.

MATERIAL SPECIFICATIONS

COMPONENT	TYPE	MATERIAL	COLOUR
Housing	SC	Termoplastics	Green
Ferrule	N/A	Zirconia Ceramic	N/A
Flange	N/A	Stainless Steel	

OPTICAL SPECIFICATIONS

Insertion Loss @1310nm.	0,30	dB., Max.
Return Loss	60	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 ≥ 60 dB
- -40°C / +85 °C operation temperature
- With dust covers
- RoHS 2011/65/EU compliant



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

• 2011/65/EU (RoHS-2)

PART NUMBER CODING

Part Nr.	Product Description
F5SD-61A2	Zemecs SM Duplex Coupler, SC/APC
F5SD-61A1	Zemecs SM Simplex Coupler, SC/APC

