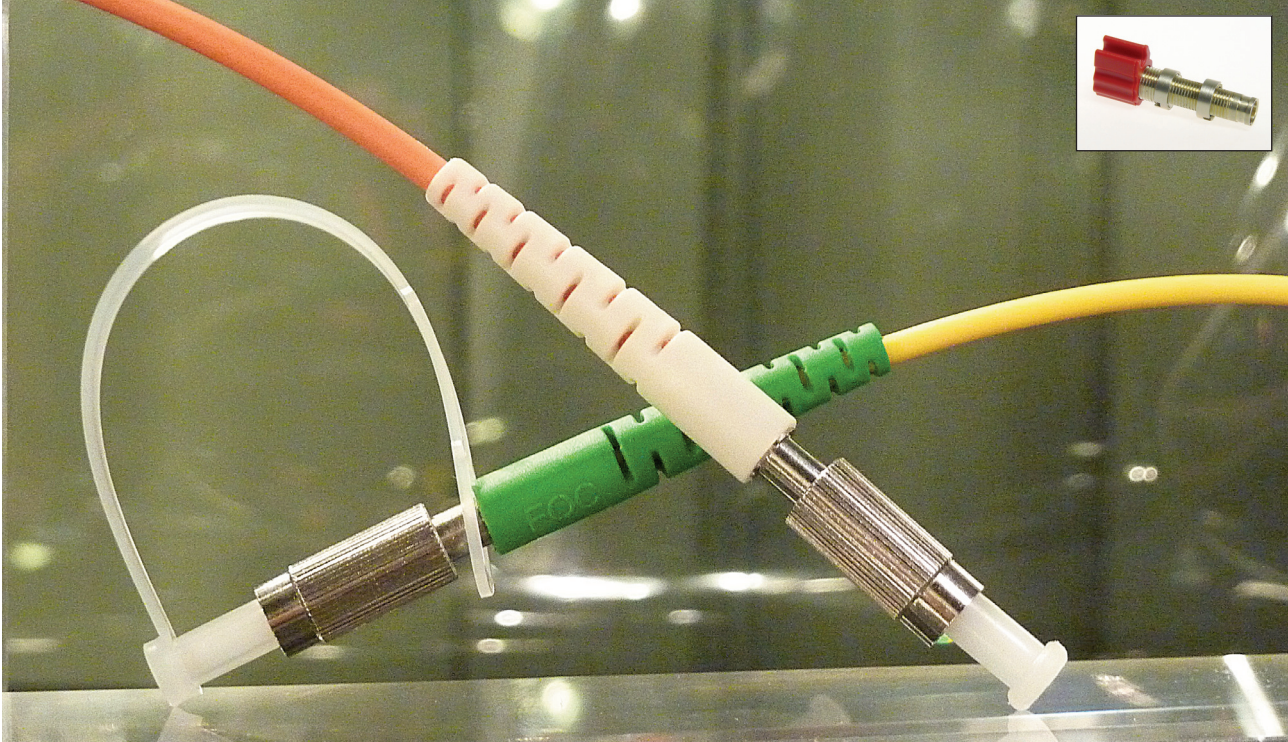


Connectors ►  
**DIN-Simplex**



DIN connectors are among the most widely used optical connector systems in Europe. Due to their good mechanical properties they achieve excellent optical measurement values.

**Material**

Connector	metal
Adapter	metal with split and floating zirconia alignment sleeve
Ferrule	zirconia
Dust cap	plastic

**Standards**

- DIN-PC: IEC 61754-3
- DIN-APC: IEC 61754-3

**Design**

**Connectors:**

- Simplex

**Adapters:**

- Simplex

**Colour coding:**

- DIN-PC: white
- DIN-APC: green
- DIN-MM: white

**Applications**

- Telecommunication, CATV, LAN, MAN, WAN, measuring systems
- Industry, medical engineering, sensor technology

**Specifications Connectors**

Standard	Singlemode PC	Singlemode APC	Multimode	Unit	Test conditions
Insertion Loss (IL)	typ: 0,12 <sup>1</sup> max: 0,25 <sup>1</sup>	typ: 0,12 <sup>1</sup> max: 0,25 <sup>1</sup>	typ: 0,15 max: 0,4	dB	IEC 61300-3-34
Return Loss (RL)	typ: 50 <sup>2</sup> min: 45 <sup>2</sup>	typ: 70 <sup>3</sup> min: 65 <sup>3</sup>	typ: 40 min: 35	dB	IEC 61300-3-6
Repeatability of IL	max: ±0,1	max: ±0,1	max: ±0,1	dB	
Durability	>1000 matings				
Operating temperature range	-40 to +85			°C	depends from used type of cable

■ <sup>1</sup> IEC 61755-1 Grade B   ■ <sup>2</sup> IEC 61755-1 Grade 2   ■ <sup>3</sup> IEC 61755-1 Grade 1

**Active specifications**

Type of fibre, geometry of cable, material of cable: please inform in the Technical Information **FOC list of cable**.

**Dimensions**

**DIN-Connector**

Type of pictail	Length
Fibre	max. 60
Cable	max. 60

**DIN-Adapter**

All dimension units are mm.

