



IP 20 Data connectors, 4 pairs

Identification	Part No.	Drawing	Dimensions in mm
<b>Connector set</b> incl. housing, cable gland and instruction manual			
cable manager white <sup>2)</sup>	09 45 151 1500		
cable manager blue <sup>2)</sup>	09 45 151 1510		

**Technical characteristics**

Transmission properties in accordance with Category 6 ISO/IEC 11 801:2002 and EN 50173-1

Protection level:	IP 20
Mating interface:	RJ 45 in accordance with IEC 60603-7
Wire gauge data <sup>1)</sup> :	AWG 24-27 stranded
Temperature range:	-40 °C ... +70 °C
Cable sheath diameter:	6.5 mm - 6.9 mm
Mating cycles:	min. 750
Housing material:	Polyamide, black UL 94-V0
	UL recognised, E102079

**General information**

The IP 20 data connector is an industrial type of RJ 45 connector for 4 pair and Gigabit Ethernet applications, to which flexible cables with AWG 26 may be connected.

For Category 6 patch cords it is recommended to use 1 connector with a white wire manager and 1 with a blue wire manager, in order to optimise the crosstalk between different signal pairs.

With a standard pitch of only 14 mm, maximum packing density in application is guaranteed.

Industrial interfaces

<sup>1)</sup> Details see technical data sheet  
<sup>2)</sup> Details see page 11.47