



Specification/standard:

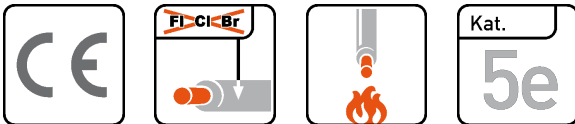
conductor material:
conductor construction:
insulation:
stranding:
screen:
sheathing material:
colour of outer sheath:
flame retardant:
halogen free:
max. operating temperature, fixed:
bending radius, fixed installation:
bending radius, moved application:
impedance:
insulation resistance:
transfer impedance:
velocity factor:
category:

ISO/IEC 11801, EN 50173, EN 55022, berücksichtigt EN 50167 und EN 50169
 bare copper
 solid, class 1
 cross-linked polyolefin-copolymer
 pairs in layers
 aluminium-foil + copper-braiding, tinned
 polyolefin-compound HM4, FRNC
 orange RAL 2004
 VDE 0482-332-1-2/IEC 60332-1
 DIN EN 50267/IEC 60754
 -5 - +50 °C
 8 x DA
 4 x DA
 100 Ohm
 5 MOhm x km
 100 Ohm/km
 0,66 v/c
 5e

core identification:
operating capacity:
loop resistance:

FACAB dataline 200
 colours acc. IEC 60708
 50 nF/km
 170 Ohm/km

Application: To the connection of EDP system units within the desktop area (Tertiary period range), as between floor distributors and desktop acc. to category 5e (enhanced). It corresponds to the requirements of the EN 55022 and the guidelines of the European postal administration regarding interferences (EMV). Additionally the tinned screen braid offers a smooth connection to screened data plugs.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

f, MHz	attenuation, dB/100 m, nominal value	attenuation, dB/100 m, typical values	PS-NEXT, dB, typical values	PS-ELFEXT, dB/100 m, typical values	PS-ACR, dB, typical values	Return loss, dB, typical values
1	2,1	1,5	95	95	93,5	30
10	5,8	4,7	95	95	90,3	32
16	7,3	6,1	95	90	89,1	32
20	8,2	6,7	95	85	88,3	32
100	18,5	15,5	95	73	82,7	27
155	23,2	20,1	95	70	74,3	27
200	26,5	21,8	93	68	71,2	26
500	42,8	36,8	88	55	51,2	23
1000	61,9	55,7	76	41	20,3	19

table: technical data FACAB dataline 200

Art.-Nr.	part-name	DI [mm]	Rs [Ohm/km]	DA [mm]	B [mm]	H [mm]	Fz [N]	Ev [kWh/m]	G [kg/km]	CU
100592	FACAB dataline 200 SFTP 4X2X AWG 24 FRNC OR	0,52		6,6			250	0,7	54	29
100593	FACAB dataline 200 Duplex SFTP 2X4X2X AWG 24 FRNC OR	0,52			13,4	6,6	500	1,4	108	58

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