

Communication cable with circuit integrity JE-H(St)H FE180/E30 acc. to VDE 0815



conductor material:	tinned copper
conductor construction:	solid, class 1
insulation:	FRNC compound HI1
screen:	foil
sheathing material:	FRNC-compound HM2
flame retardant:	VDE 0482-266-2-4/IEC 60332-3-24
smoke density:	DIN EN 61034/IEC 61034
halogen free:	DIN EN 50267/IEC 60754
fire resistance:	FE 180 (IEC 60331)
circuit integrity:	E 30
max. operating temperature,	-5 - +50 °C
fixed:	
insulation resistance:	100 MOhm $\times$ km

core identification: colours + rings

Application: For signal transmission within systems for measuring-, data-, control- engineering and as installation cable in fire hazardous rooms with a high concentration of persons or material value, for installation of fire survival cable systems acc. to DIN 4102 part 12. For fixed installation in dry and wet rooms.



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.

Table: Technical characteristics JE-H(St)H FE180/E30

p/n	part name	D _A [mm]	Cu [kg/km]	G [kg]
101285	JE-H(St)H...BD...E30 01X2X0,8 OR		15	40
100418	JE-H(St)H...BD...E30 02X2X0,8 OR	7,5	25	76
100419	JE-H(St)H...BD...E30 04X2X0,8 OR	9,3	45	130
100420	JE-H(St)H...BD...E30 08X2X0,8 OR	11,4	85	232
100421	JE-H(St)H...BD...E30 12X2X0,8 OR	13,5	126	318
100422	JE-H(St)H...BD...E30 16X2X0,8 OR	15	166	430
100423	JE-H(St)H...BD...E30 20X2X0,8 OR	16,5	206	514
100424	JE-H(St)H...BD...E30 32X2X0,8 OR	19,5	326	730
100425	JE-H(St)H...BD...E30 40X2X0,8 OR	22,5	407	962
100426	JE-H(St)H...BD...E30 52X2X0,8 OR	25,2	529	1200

DA	outer diameter
Cu	copper
G	weight