

Communication cable with circuit integrity JE-H(St)H FE180/E30-E90 acc. to VDE 0815



conductor material:	bare copper
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:	E30-E90
max. operating temperature,	-5 - +50 °C
fixed:	

operating capacity:	120 nF/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.

Additional information: Stranding: cores twisted into pairs, 4 pairs layed up into sub-units (2-pairs cable stranded as one star-quad), sub-units layed up in layers
Core identification: The basic colour of each bunch are continuous sequence: blue, red, grey, yellow, green, brown, white, black
The bundles are identified by the colour of the rings on the insulating core.



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-E90

p/n	part name	D _A [mm]	Cu [kg/km]	G [kg]
100275	JE-H(St)H...BD...E30-E90 02X2X0,8 OR	7,4	25	76
100276	JE-H(St)H...BD...E30-E90 04X2X0,8 OR	11,1	45	130
100277	JE-H(St)H...BD...E30-E90 08X2X0,8 OR	15,6	85	232
100292	JE-H(St)H...BD...E30-E90 12X2X0,8 OR	18,1	126	318
100278	JE-H(St)H...BD...E30-E90 16X2X0,8 OR	19,8	166	430
100280	JE-H(St)H...BD...E30-E90 32X2X0,8 OR	27,7	326	730
100281	JE-H(St)H...BD...E30-E90 40X2X0,8 OR	30,8	407	962
100282	JE-H(St)H...BD...E30-E90 52X2X0,8 OR	34,7	529	1200

DA	outer diameter
Cu	copper
G	weight