

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



<b>conductor material:</b>	tinned copper
<b>insulation:</b>	FRNC compound HI1
<b>screen:</b>	foil
<b>drain wire:</b>	yes
<b>sheathing material:</b>	FRNC-compound HM2
<b>flame retardant:</b>	VDE 0482-266-2-4/IEC 60332-3-24
<b>smoke density:</b>	DIN EN 61034/IEC 61034
<b>halogen free:</b>	DIN EN 50267/IEC 60754
<b>fire resistance:</b>	FE 180
<b>circuit integrity:</b>	E30-E90
<b>max. operating temperature, fixed:</b>	-5 - +50 °C
<b>core identification:</b>	colours + rings
<b>operating capacity:</b>	120 nF/km
<b>test voltage:</b>	300 V

**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.

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 data JE-H(St)H E30-E90

p/n	part-name	DA [mm]	G [kg/km]	CU	p/n	part-name	DA [mm]	G [kg/km]	CU
100275	JE-H(St)H...BD...E30-E90 02X2X0,8 OR	7,4	76	25	100279	JE-H(St)H...BD...E30-E90 20X2X0,8 OR	22,5	514	206
100276	JE-H(St)H...BD...E30-E90 04X2X0,8 OR	11,1	130	45	100280	JE-H(St)H...BD...E30-E90 32X2X0,8 OR	27,7	730	326
100277	JE-H(St)H...BD...E30-E90 08X2X0,8 OR	15,6	232	85	100281	JE-H(St)H...BD...E30-E90 40X2X0,8 OR	30,8	962	407
100292	JE-H(St)H...BD...E30-E90 12X2X0,8 OR	18,1	318	126	100282	JE-H(St)H...BD...E30-E90 52X2X0,8 OR	34,7	1200	529
100278	JE-H(St)H...BD...E30-E90 16X2X0,8 OR	19,8	430	166					