

WG-Datasheet

Insulated electric power line

Special sheath cable

SYM – J / O Spez K110

Usage: For the laying in / to lighting sources, to guy wires, on and under plaster as soon as for highly flexible connecting cable with high mechanical requirements.

**Mixture are UV–solid enhanced ozone resistance,
and by association laying possible in FREE!
Cold mixtures are elastic,
and by association laying possible at low temperatures.**

Electric quality: nominal voltage U_0/U 300/500 V
test voltage 2000 V

Construction: conductor: copper, blank, single wire class 1 according to DIN EN 60228 for SYM „re“
conductor: copper, blank, fine wire class 5 according to DIN EN 60228 for SYM „rf“
cross-section: 2-up to 5-adrig; 1,5 mm² up to 6 mm²
sheath: synthetic, color: powder blue; another color on request
The synthetic-mixture used by BKW is heavy metal- and DOP –free (compliance with the RL RoHS) and assures a significant higher flexibility in low temperature. ®

Core identification: according to DIN VDE 0293 part 308 (2003:01) – HD308 S2
(look footer in norm above-mentioned)

Non-flammability: according to VDE 0482-332-1-2

Tender text: special sheath cable SYM-Spez. K110
producer: Brandenburger Kabelwerk GmbH
Special cable for street lighting for the laying in / to lighting sources and installation
tensioning cables and guy wires with increased ozone and UV resistant.

Brandenburger Kabelwerk

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1	2	3	4		5	6	7
construction abbreviation	article-Nr. BKW	number of core / conductor cross- section	green-yellow core		outer diameter ca. mm	weight ca. kg/km	copper index
			with	without			
SYM - O Spez K110	13800	2x1,5re		X	7,5	85	29
SYM - O Spez K110	13850	2x2,5re		X	8,7	179	48
SYM - O Spez K110 SYM - J Spez K110	13911 13910	3x1,0re		X	8,1	105	29 [®]
SYM - O Spez K110 SYM - J Spez K110	13920 13900	3x1,5re	X		8,0	120	43
SYM - O Spez K110 SYM - J Spez K110	13945 13940	3x2,5re	X		9,2	139	72
SYM - O Spez K110 SYM - J Spez K110	14091 14090	4x1,0re	X		8,0	135	38
SYM - O Spez K110 SYM - J Spez K110	13960 13980	4x1,5re	X		8,6	150	58
SYM - O Spez K110 SYM - J Spez K110	14025 14020	4x2,5re	X		10,0	160	96
SYM - O Spez K110 SYM - J Spez K110	14096 14095	5x1,0re	X		8,5	140	48

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SYM - J Spez K110	14060		X				
SYM - O Spez K110	14081	5x2,5re		X	11,2	242	120
SYM - J Spez K110	14080		X				
SYM - O Spez K110	14170	2x1,5f		X	7,5	91	29
SYM - O Spez K110	14200	2x2,5f		X	9,5	131	48
SYM - O Spez K110	14191	3x1,0f		X	7,7	91	29
SYM - J Spez K110	14190		X				
SYM - O Spez K110	14185	3x1,5f		X	8,2	107	43
SYM - J Spez K110	14180		X				
SYM - O Spez K110	14225	3x2,5f		X	9,5	160	72
SYM - J Spez K110	14220		X				
SYM - O Spez K110	14251	4x1,0f		X	7,5	114	38
SYM - J Spez K110	14250		X				
SYM - O Spez K110	14265	4x1,5f		X	9,3	160	58
SYM - J Spez K110	14260		X				
SYM - O Spez K110	14305	4x2,5f		X	12,2	250	96
SYM - J Spez K110	14300		X				
SYM - O Spez K110	14331	5x1,0f		X	8,3	167	48

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SYM - J Spez K110	14330		X				
SYM - O Spez K110	14345	5x1,5rf		X	10,2	165	72
SYM - J Spez K110	14340		X				
SYM - O Spez K110	14321	5x2,5rf		X	14,2	182	120
SYM - J Spez K110	14320		X				

