

CABLE STRUCTURE

		Stranded bare copper flexible 64x0,10 mm class 6/part5 (according to VDE 0295 and IEC 60228)	
ELEMENT 1 Lif12Y (7X0,50)C11Y mm ²	CONDUCTOR	Stranded bare copper flexible 64x0,10 mm class 6/part5 (according to VDE 0295 and IEC 60228)	
	INSULATION	TPE-E polyester	
	COLOURS	black numbered with white numbers 1 to 7	
	ASSEMBLY	Fillier in center +7 cores stranded in layer	
	WRAPPING	Textile tape	
	SCREEN	Tinned wire copper braid (wireø 0,01mm), coverage ca. 85%	
	WRAPPING	Textile tape	
	inner SHEATH	PUR polyurethane matt surface, adhesion free, halogen free, flame retardant	
WRAPPING	Colour: grey RAL7001		
WRAPPING	Textile tape		
ELEMENT 2 Lif12Y (15X0,25)C11Y mm ²	CONDUCTOR	Stranded bare copper flexible 32x0,10 mm class 6/part5 (according to VDE 0295 and IEC 60228)	
	INSULATION	TPE-E polyester	
	COLOURS	code colours DIN 47100	
	ASSEMBLY	4 Cores standed toghether in center + 11 cores standed in layer (polyester foil between the 2 layers)	
	WRAPPING	Textile tape	
	SCREEN	PUR polyurethane matt surface, adhesion free, halogen free, flame retardant	
	WRAPPING	Colour: grey RAL7001	
	inner SHEATH	Textile tape	
ELEMENT 3 Lif12Y (7x2x0,25)C11Y mm ²	CONDUCTOR	Stranded bare copper flexible 32x0,10 mm class 6/part5 (according to VDE 0295 and IEC 60228)	
	INSULATION	TPE-E polyester	
	COLOURS	code colours DIN 47100	
	PAIRING	cores twisted in pairs	
	ASSEMBLY	Fillier in center +7 cores stranded in layer	
	WRAPPING	Textile tape	
	SCREEN	Tinned wire copper braid (wireø 0,01mm), coverage ca. 85%	
	WRAPPING	Textile tape	
inner SHEATH	PUR polyurethane matt surface, adhesion free, halogen free, flame retardant		
WRAPPING	Colour: grey RAL7001		
WRAPPING	Textile tape		
ELEMENT 4 Lif12Y (7x2x0,25)C11Y mm ²	same as Element 3		
ELEMENT 5 Lif12Y (3x3x0,25)C11Y mm ²	CONDUCTOR	Stranded bare copper flexible 32x0,10 mm class 6/part5 (according to VDE 0295 and IEC 60228)	
	INSULATION	TPE-E polyester	
	COLOURS	code colours DIN 47100	
	TRIPLE	cores stranded in triple	
	ASSEMBLY	3 triple stranded together	
	WRAPPING	Textile tape	
	SCREEN	Tinned wire copper braid (wireø 0,01mm), coverage ca. 85%	
	WRAPPING	Textile tape	
inner SHEATH	PUR polyurethane matt surface, adhesion free, halogen free, flame retardant		
WRAPPING	Colour: grey RAL7001		
WRAPPING	Textile tape		
ELEMENT 6 Lif12Y (2x0,75)C11Y mm ²	CONDUCTOR	Stranded bare copper flexible 96x0,10 mm class 6/part5 (according to VDE 0295 and IEC 60228)	
	INSULATION	TPE-E polyester	
	COLOURS	black numbered with white numbers 1-2	
	ASSEMBLY	2 cores twisted in pair	
	WRAPPING	Textile tape	
	SCREEN	PUR polyurethane matt surface, adhesion free, halogen free, flame retardant	
	WRAPPING	Colour: grey RAL7001	
	inner SHEATH	Textile tape	
WRAPPING	Textile tape		



Customer:
 Object: DATA SHEET
 Cable type: Hybrid-cable Lif12YC11Y
 Ref. N°:



CABLE STRUCTURE

ELEMENT 7
 Lif12Y (7x0,50)C11Y mm²

CONDUCTOR	Stranded bare copper flexible 32x0,10 mm class 6/part5 (according to VDE 0295 and IEC 60228)
INSULATION	TPE-E polyester
COLOURS	code colours DIN 47100
ASSEMBLY	2 pairs stranded together
WRAPPING	Textile tape
SCREEN	Tinned wire copper braid (wireø 0,01mm), coverage ca. 85%
WRAPPING	Textile tape
inner SHEATH	PUR polyurethane matt surface, adhesion free, halogen free, flame retardant Colour: grey RAL7001
WRAPPING	Textile tape

ELEMENT 8
 Lif12Y (2x2x0,25)C11Y mm²

same as Element 7

total ASSEMBLY	cording-length very short see design)
WRAPPING	Textile tape
overall SCREEN	Tinned wire copper braid (wireø 0,01mm), coverage ca. 85%
WRAPPING	Textile tape
outer SHEATH	PUR polyurethane matt surface, adhesion free, halogen free, flame retardant Colour: black RAL9005 outer ø approx. 25,0 mm
MARKING	not specified

TECHNICAL DATA

Nominal voltage	300 V
Test voltage	core/screen 1kV DC
	core/core 1kV DC
	core/outer sheath 1kV DC
Min. Bending Radius	10 x outer ø
Date	U.TEC.



