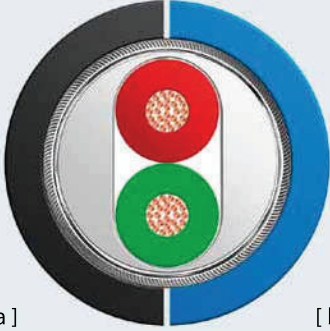
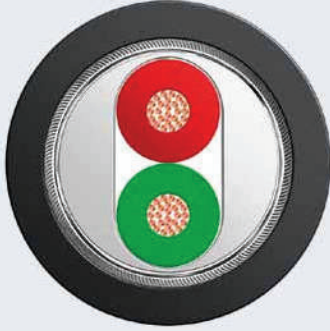
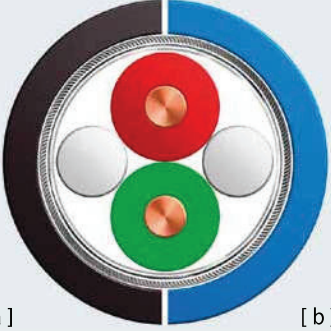

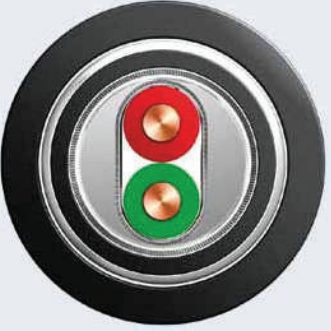
 [a]	 [b]	 [b]
	PROFIBUS PA ES	PROFIBUS PA ES	PROFIBUS PA ES
Application	Cable for permanent installation [a] (easy to strip), 2x18AWG1, UL listed: CM and CL3 [b] in hazardous Ex-areas (easy to strip), 2x18AWG1, UL listed: CM and CL3	Cable for flexible installation [a] standard (easy to strip) [b] in hazardous Ex-areas (easy to strip) 2x18AWG19, UL recognised: AWM	Cable for flexible installation (easy to strip, FRNC), 2x18AWG7, UL listed: CM
Conductor	Bare copper wire Ø 1.05 mm (0.041 in), insulation of foamed PE with skin Ø 2.55 mm (0.100 in)	Stranded bare copper wire 19x0.26 mm (0.010 in), Ø 1.3 mm (0.049 in), insulation of foamed PE with skin Ø 2.55 mm (0.100 in)	Stranded bare copper wire 7x0.4 mm (0.016 in), Ø 1.2 mm (0.047 in), insulation of foamed PE with skin Ø 2.55 mm (0.100 in)
Core	2 wires twisted to a pair Inner jacket: PVC	2 wires twisted to a pair Inner jacket: PVC	2 wires twisted to a pair Inner jacket: FRNC
Shield	Alulaminat foil overlapped, shield braiding of tinned copper wires Ø 0.15 mm (0.006 in)	Shield braiding of tinned copper wires Ø 0.15 mm (0.006 in)	Alulaminat foil overlapped, shield braiding of tinned copper wires Ø 0.15 mm (0.006 in)
Jacket	[a] PVC black Ø 8.0 ± 0.4 mm (0.315 ± 0.016 in) [b] PVC blue Ø 8.0 ± 0.4 mm (0.315 ± 0.016 in)	[a] PVC black Ø 8.0 ± 0.3 mm (0.315 ± 0.012 in) [b] PVC blue Ø 8.0 ± 0.3 mm (0.315 ± 0.012 in)	Thermoplastic copolymer (FRNC) black Ø 8.0 ± 0.2 mm (0.315 ± 0.008 in)
Characteristics	Flame retardant acc. to UL 1685 (Vertical tray), oil resistant acc. to UL 758 Sec. 15 (60°C, 140°F), sunlight resistant acc. to UL 1581 Sec. 1200, UL-File E119100 Vol. 1 Sec.16 Page 6, UL-File E116441 Vol. 1 Sec. 6 Page 6, UL-Style 21694	Flame retardant acc. to IEC 60332-1-2, UL-Style 2905	Flame retardant acc. to IEC 60332-3-24, halogen free acc. to IEC 60754, smoke density acc. to IEC 61034, sunlight resistant acc. to UL 2556 Sec. 4.2.8.5, UL-File E119100 Vol. 1 Sec. 16 Page 5
Type designation	[a] 02YSY(ST)CY 1x2x1.0/2.55-100 OE FR [b] 02YSY(ST)CY 1x2x1.0/2.55-100 BL OE FR	[a] 02YSYCY 1x2x1.3/2.55-100 LI BK FR KF40 [b] 02YSYCY 1x2x1.3/2.55-100 LI BL FR KF40	02YSH(ST)CH 1x2x1.2/2.55-100 BK LI FRNC
Order number	[a] L45467-J20-C225 [b] L45467-J20-C275	[a] L45467-J21-C45 [b] L45467-J21-C35	L45467-J20-C6

 [a]	 [b]		
PROFIBUS PA	PROFIBUS PA	PROFIBUS PA ES	
Cable for permanent installation in hazardous Ex-areas 2x18AWG 1, UL listed: CMX	EMC cable for permanent installation indoor or outdoor or in hazardous Ex-areas with high electromagnetic compatibility and weld splatter resistance, 2x18AWG1	Cable for permanent installation with additional rodent protection (easy to strip), 2x18AWG1	Application
Bare copper wire Ø 1.05 mm (0.041 in), insulation of foamed PE with skin Ø 2.55 mm (0.100 in)	Bare copper wire Ø 1.05 mm (0.041 in), insulation of foamed PE with skin Ø 2.55 mm (0.100 in)	Bare copper wire Ø 1.05 mm (0.041 in), insulation of foamed PE with skin Ø 2.55 mm (0.100 in)	Conductor
2 wires twisted to a pair with fillers in gaps	2 wires twisted to a pair with fillers in gaps	2 wires twisted to a pair Inner jacket: PVC	Core
Alulminate foil overlapped, shield braiding of tinned copper wires Ø 0.15 mm (0.006 in)	Alulminate foil overlapped, copper tape longitudinal welded and spiral corrugated	Alulminate foil overlapped, shield braiding of tinned copper wires Ø 0.15 mm (0.006 in)	Shield
[a] PVC black Ø 7.5 + 0.2 – 0.25 mm (0.295 + 0.008 – 0.010 in) [b] PVC blue Ø 7.5 + 0.2 – 0.25 mm (0.295 + 0.008 – 0.010 in)	PVC blue Ø 11.1 ± 0.3 mm (0.437 ± 0.012 in)	Inner jacket: PVC black Ø 8.0 ± 0.4 mm (0.315 ± 0.016 in) Armouring: 2 layers of galvanised steel tape, intercalated tapes Outer jacket: PE black Ø 10.8 ± 0.5 mm (0.425 ± 0.020 in)	Jacket
Flame retardant acc. to IEC 60332-1-2 and UL 2556 Sec. 9.4 (VW-1), oil resistant acc. to UL 13 Sec. 40 (60 °C, 140 °F), sunlight resistant acc. to UL 2556 Sec. 4.2.8.5, UL-File E119100 Vol. 1 Sec. 8 Page 1	Flame retardant acc. to IEC 60332-1-2, oil resistant acc. to UL 758 Sec. 19 (60 °C, 140 °F), sunlight resistant	Sunlight resistant, limited mineral oil and fat resistant	Characteristics
[a] 02YS(ST)CY 1x2x1.0/2.55-100 OE FR [b] 02YS(ST)CY 1x2x1.0/2.55-100 BL OE FR	02YS(ST)WKY 1x2x1.0/2.55-100 BL OE FR	02YSY(ST)CYB2Y 1x2x1.0/2.55-100 (2B0.10 VZK) BK	Type designation
[a] L45467-J20-C75 [b] L45467-J20-C85	L45467-J20-C135	L45467-J20-C26	Order number