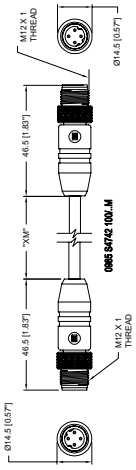
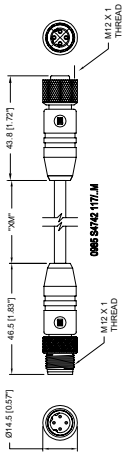
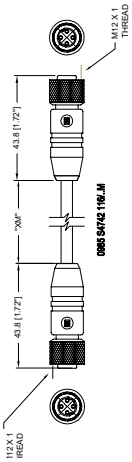
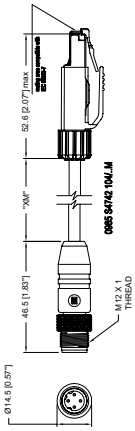
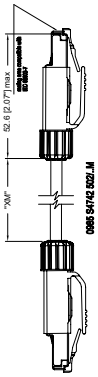
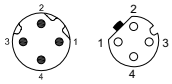
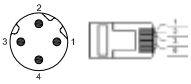
PROFINET Double-Ended Cord Sets

CAT5e, High-Flex, Stranded/Shielded, 22 AWG, TPE/PLTC Cable

Type	0985 S4742 100	0985 S4742 116	0985 S4742 117	0985 S4742 104	0985 S4742 502
Product Description	PROFINET data cable according to type C, molded on both sides with M12 male connector, D coding, stranded/shielded, 22 AWG with green jacket.	PROFINET data cable according to type C, molded on both sides with M12 male to M12 female connector, D coding, stranded/shielded, 22 AWG with green jacket.	PROFINET data cable according to type C, molded on both sides with M12 female to M12 female connector, D coding, stranded/shielded, 22 AWG with green jacket.	PROFINET data cable according to type C, molded on both sides with M12 male to RJ45 male connector, D coding, stranded/shielded, 22 AWG with green jacket.	PROFINET data cable according to type C, molded on both sides with RJ45 to RJ45 male connector, D coding, stranded/shielded, 22 AWG with green jacket.
Technical Illustration					
Wiring diagram		M12 Color M12 1 — Yellow — 1 2 — White — 2 3 — Orange — 3 4 — Blue — 4 Nut Shield Nut		RJ45 Color M12 1 — Yellow — 1 2 — White — 2 3 — Orange — 3 6 — Blue — 4 Case Shield Nut	RJ45 Color RJ45 1 — Yellow — 1 2 — White — 2 3 — Orange — 3 6 — Blue — 6 Case Shield Case
Face views					
Part number					
	0985 S4742 100/...M	**0985 S4742 116/...M**	**0985 S4742 117/...M**	**0985 S4742 104/...M**	**0985 S4742 502/...M**
Standard cable lengths					
	1 M / 2 M / 3 M / 4 M / 5 M / 10 M / 15 M / 20 M	2 M / 3 M	0.5 M / 5 M	2 M / 5 M / 8 M / 9 M / 10 M / 12 M / 15 M / 20 M / 25 M / 30 M	0.5 M / 2 M / 5 M / 10 M / 20 M

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Type	0985 S4742 100	0985 S4742 116	0985 S4742 117	0985 S4742 104	0985 S4742 502
Degree of protection	IP68			IP68 / IP20	IP20
Temperature	-40°C to 80°C			-40°C to 70°C	
Mechanical					
M12 and M12 Receptacle					
Molded body	PUR, black				
Coupling nut	Brass, nickel plated				
Contacts	Brass, gold over nickel plated				
Insert	PUR, black				
RJ45					
Plastic housing	Polyamid, black				
Cable specifications					
Cable jacket	TPE				
Color	Green				
Conductor	22 AWG stranded tinned copper				
Foil shield	Aluminum/Polyester				
Braided shield	100% coverage, tinned copper, 85% coverage				
Approvals	(UL) PLTC				
Characteristics					
				NOTE: Vibration & Oil Resistant applies to M12 side only.	

The application of these products in harsh environments should always be checked before use.
Specifications subject to alteration.