



Connecting cables for network and bus

Connection to Ethernet network

Description	Pre-fitted connectors	Length ft. (m)	Reference	Weight oz (kg)
Shielded twisted pair cables, straight through	2 RJ45 connectors For connection to DTE (Data Terminal Equipment)	6.56 (2)	490NTW00002(1)	–
		16.40 (5)	490NTW00005(1)	–
		39.37 (12)	490NTW00012(1)	–
		131.23 (40)	490NTW00040(1)	–
		262.47 (80)	490NTW00080(1)	–
Shielded twisted pair cables, crossed wires	2 RJ45 connectors For connection between hubs, switches and transceivers	16.40 (5)	490NTC00005(1)	–
		49.21 (15)	490NTC00015(1)	–
		131.23 (40)	490NTC00040(1)	–
		262.47 (80)	490NTC00080(1)	–

Connection to Modbus™ serial link

Description	Use		Length ft. (m)	Reference	Weight lb (kg)
	From	To			
Trunk cables, shielded dual twisted pair, RS 485	Compact safety PLCs XPSMF4020/MF4022 (RJ45)	Modbus splitter box LU9 GC3 (RJ45)	328 (100)	TSXCSA100	12.522 (5.680)
			656 (200)	TSXCSA200	24.030 (10.920)
			1640 (500)	TSXCSA500	66.139 (30.000)
	Graphic terminals XBTGT (SUB-D 9-pin)	Modbus splitter box LU9 GC3 (RJ45)	8.2 (2.5)	XBTZ938(2)	0.474 (0.210)
Adaptor for cable XBTZ938	SUB-D 9-pin (XBTGT)	XBTZ938 (SUB-D 25-pin)	0.66 (0.2)	XBTZG909	–
Description	Specifications	Sold in lots of		Unit reference	Weight oz (kg)
End of line adaptors For RJ45 connector	R = 120 Ω, C = 1 nF	2		VW3A8306RC	7.055 (0.200)
	R = 150 Ω	2		VW3A8306R	0.353 (0.010)

PROFIBUS DP bus connection components

Description	Profile	Services	Reference	Weight oz (kg)
PROFIBUS DP module set for Premium™ PLCs	Master, 12 Mbps	Class 1 and Class 2 master V0 functions, see specifications. PROFIBUS FMS messaging not supported	TSXPBY100	30.688 (0.870)

Description	Use	Reference	Weight oz (kg)
Remote inputs/outputs on PROFIBUS DP bus	Advantys™ STB network interface module	STBNDP2112	4.938 (0.140)
	Momentum™ communication module	170DTN11000	–
Connectors for remote I/O communication module	Line terminators	490NAD91103	–
	Intermediate connection	490NAD91104	–
	Intermediate connection and terminal port	490NAD91105	–

Description	Length ft. (m)	Reference	Weight oz (kg)
PROFIBUS DP connecting cables	328 (100)	TSXPBSCA100	–
	1312 (400)	TSXPBSCA400	–

Description	Reference	Weight oz (kg)
Replacement parts	Main bus junction box	490NAE91100
	PCMCIA card	467NHP81100

(1) Cable conforming to standard EIA/TIA-568 category 5 and IEC 1180/EN 50 173 class D. For UL and CSA 22.1 approved cables, add the letter **U** to the end of the reference.

(2) Requires adaptor **XBTZG909**.



TSXPBY100



490NAD91103



490 NTW 000●●

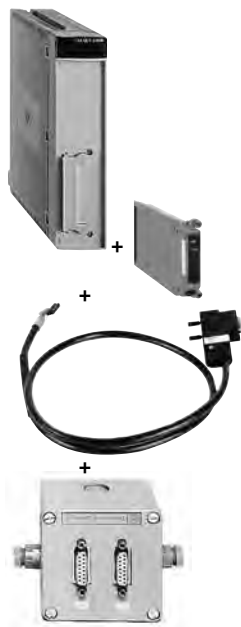
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Description	Pre-fitted connectors	Length ft (m)	Reference	Weight oz (kg)
Shielded twisted pair cables, straight through	2 RJ45 connectors For connection to DTE (Data Terminal Equipment)	6.6 (2)	490NTW00002(1)	–
		16.4 (5)	490NTW00005(1)	–
		39.4 (12)	490NTW00012(1)	–
		131.2 (40)	490NTW00040(1)	–
		262.5 (80)	490NTW00080(1)	–
Shielded twisted pair cables, crossed wires	2 RJ45 connectors For connection between hubs, switches and transceivers	16.4 (5)	490NTC00005(1)	–
		49.2 (15)	490NTC00015(1)	–
		131.2 (40)	490NTC00040(1)	–
		262.5 (80)	490NTC00080(1)	–

Connection to Modbus™ serial link

Description	Use		Length ft. (m)	Reference	Weight oz (kg)
	From	To			
Modbus serial link connecting cables	Compact PLCs XPSMF3022/3522 + adaptor XPSMFADAPT (RJ45)	Modbus splitter box LU9 GC3 (RJ45)	1.0 (0.3)	VW3A8306R03	0.882 (0.025)
			3.28 (1)	VW3A8306R10	2.116 (0.060)
			9.84 (3)	VW3A8306R30	74.640 (1.130)
		Premium™ module TSX SCY 21601 (SUB-D 25-pin)	1.0 (0.3)	XPSMCSCY	–
Adaptor for cable XBTZ938	SUB-D 9-pin (XBTGT)	Graphic terminals XBTGT (SUB-D 9-pin)	8.2 (2.5)	XBTZ938(2)	7.408 (0.210)
		XBTZ938 (SUB-D 25-pin)	0.66 (0.2)	XBTZG909	–
Adaptor SUB-D 9-pin/RJ45	Compact PLCs (SUB-D 9-pin)	Connecting cables for Modbus serial link (RJ45)	–	XPSMFADAPT	–
Description	Specifications	Sold in lots of		Unit reference	Weight oz (kg)
End of line adaptors For RJ45 connector	R = 120 Ω, C = 1 nF	2		VW3A8306RC	7.055 (0.200)
	R = 150 Ω	2		VW3A8306R	0.353 (0.010)



TSX PBY 100



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PROFIBUS DP bus connection components

Description	Profile	Services	Reference	Weight oz (kg)
PROFIBUS DP module set for Premium™ PLCs	Master, 12 Mbps	Class 1 and Class 2 master V0 functions, see specifications. Profibus FMS messaging not supported	TSXPBY100	30.688 (0.870)
Description	Use		Reference	Weight oz (kg)
Remote inputs/outputs on PROFIBUS DP bus	Advantys™ STB network interface module		STBNPD2112	4.938 (0.140)
	Momentum™ communication module		170DTN11000	–
Connectors for remote I/O communication module	Line terminators		490NAD91103	–
	Intermediate connection		490NAD91104	–
	Intermediate connection and terminal port		490NAD91105	–
Description	Length (m)		Reference	Weight oz (kg)
PROFIBUS DP connecting cables	100		TSXPBSCA100	–
	400		TSXPBSCA400	–
Description			Reference	Weight oz (kg)
Replacement parts	Main bus junction box		490NAE91100	–
	PCMCIA card		467NHP81100	–

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			1640 (500)	TSXCSA500	66.139 (30.000)
			8.2 (2.5)	XBTZ938(2)	0.441 (0.210)
Adaptor for cable XBTZ938	SUB-D 9-pin (XBTGT)	XBTZ938 (SUB-D 25-pin)	0.66 (0.2)	XBTZG909	—
Adaptor SUB-D 9-pin/RJ45	Compact PLCs (SUB-D 9-pin)	Connecting cables for Modbus serial link (RJ45)	—	XPSMFADAPT	—

Description	Specifications	Sold in lots of	Unit reference	Weight oz (kg)
End of line adaptors For RJ45 connector	R = 120 Ω, C = 1 nF	2	VW3A8306RC	7.055 (0.200)
	R = 150 Ω	2	VW3A8306R	0.353 (0.010)

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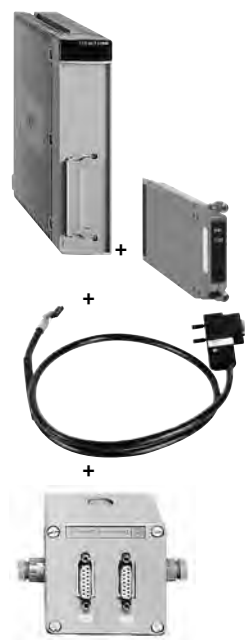
Description	Use	Reference	Weight oz (kg)
Remote inputs/outputs on PROFIBUS DP bus	Advantys™ STB network interface module	STBNBP2112	4.938 (0.140)
	Momentum™ communication module	170DTN11000	—
Connectors for remote I/O communication module	Line terminators	490NAD91103	—
	Intermediate connection	490NAD91104	—
	Intermediate connection and terminal port	490NAD91105	—

Description	Length ft (m)	Reference	Weight oz (kg)
PROFIBUS DP connecting cables	328 (100)	TSXPBSCA100	—
	1312 (400)	TSXPBSCA400	—

Description	Reference	Weight oz (kg)
Replacement parts		
Main bus junction box	490NAE91100	—
PCMCIA card	467NHP81100	—

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