ACT Industrial Sensor cable Overview

M8 A-Coded Ultraflex Xtreme cables

Flexible TPE sheath

Full copper Ultraflex Xtreme AWG23 shielded cable

Each individual core consists of 52 strands of copper that together form a diameter of AWG23.

































IV	o A-Coue	J Ulti allex /	ti eille Awd23										_																												
	Pins			Side A					Sic	de B			Length																												
	C	onnector	Male Fema	le Chassis	Straight	Angeld	Connector	Male	Female	Chassis	s Straight	Angled	Length	0.15m	0.20m	0.30m	0.50m	0.60m 0.80m	1.00m 1.50m	2.00m	2.50m	3.00m	3.50m	4.00m 4.50m 5.00m	5.50m 6.	.00m 6.	50m 7.00r	n 7.50	0m 8.00m 8.5	50m 9.00m	9.50m	10.00m	12.5m	15.00m	17.50m 20.0	00m 25.	00m 30.00m 35.00r	m 40.00m	45.00m	50.00m 55.00	m 60.00m
	3	M8A	v		٧				٧		٧		1.50m, 3,00m, 5,00m						SC3001	L		SC3002		SC3003																	
	3	M8A	V		٧		-						1.50m, 3,00m, 5,00m						SC3004	1		SC3005		SC3006																	
	3	M8A	V		٧		-						1.50m, 3,00m, 5,00m						SC3007	7		SC3008		SC3009																	
	4	M8A	V		٧		M8A		٧		V		1.50m, 3,00m, 5,00m						SC3101	l		SC3102		SC3103																	
	4	M8A	v		٧		M8A	V			٧		1.50m, 3,00m, 5,00m						SC3104	1		SC3105		SC3106																	
	4	M8A	v		٧		-						1.50m, 3,00m, 5,00m	1					SC3107	7		SC3108		SC3109																	
	4	MAA	V		V		-						150m 3.00m 5.00m						SC3110	n I		SC3111		SC3112																	

M12 A-Coded Superflex Xtreme cables

Flexible TPE sheath
Full copper Superflex Xtreme AWG22 shielded cable
Each individual core consists of 19 strands of copper that together form a diameter of AWG22.

































	ins			Side A					Side	e B		Length																										
	Con	nector N	ale Fem	nale Cha	ssis Straig	ht Angled	Connecto	Male	Female	Chassis	Straight Angled	Length	0.15m 0.2	0.30m	0.50m 0.60	m 0.80m	1.00m 1.50m	2.00m 2.50n	3.00m	3.50m 4.0	0m 4.50m 5.0	0m 5.50m	n 6.00m 6.	50m 7.0	0m 7.50n	n 8.00m	8.50m	9.00m	9.50m 10.00m	12.5m	15.00m 17.	50m 20.00m	25.00m	30.00m	35.00m 40.0	00m 45.00m	50.00m 5	5.00m 60.00m
	4 N	112A	v		٧		M12A		٧		v	1.50m, 3.00m, 5.00m					SC3401		SC3402		SC3	403																
	4 N	112A	v		V		-					1.50m, 3.00m, 5.00m					SC3404		SC3405		SC3	406																
	4 N	112A	1	/	٧		-					1.50m, 3.00m, 5.00m					SC3407		SC3408		SC3	409																
	5 N	112A	v		٧		M12A		٧		V	1.50m, 3.00m, 5.00m					SC3501		SC3502		SC3																	
	5 N	112A	v		٧		-					1.50m, 3.00m, 5.00m					SC3504		SC3505		SCS	506																
	5 N	112A	١	/	V		-					1.50m, 3.00m, 5.00m					SC3507		SC3508		SC3	509																





M12 A-Coded Ultraflex SF/UTP cables





Fill copper Ultraflex AWG24 SF/UTP cable
Each individual core consists of 41 strands of copper that together form a diameter of AWG24.























TPE CE UK CUL US PORT 1967
SHIELDED TPE CE UK CUL US PORT 1967
SYEAR WARRENTY

Din		Side A Side B Connector Male Female Chassis Straight Angled Connector Male Female Chassis Straight Angled Onsector Male Female Chassis Straight Angled Onsector Male Female Chassis Straight Angled Onsector Onsector Male																																											
Pin	Connector Male Female Chassis Straight Angled Connector Male Female Chassis Straight Angled - 0.1											0.15m	0.20m	0.30m	0.50m	0.60m 0.80m	1.00m	1.50m 2	.00m 2.5	0m 3.00	m 3.	.50m 4.00m	4.50m 5.00m	5.50m	6.00m	6.50m	7.00m 7.50n	8.00m	8.50m	9.00m 9	.50m 10.	00m 12	2.5m 15.00	m 17.50n	20.00m	25.00m	30.00m 35.00	m 40.00	m 45.00m	50.00m	n 55.00m	60.00m			
8	M	112A	V			V		M12A		٧				1.50m, 3.00m, 5.00m							SC3801		SC38	802		SC3803																			
8	M	112A	v			V		M12A	V			٧	1	1.50m up to 60,00m *							SC3860		SC38	61		SC3862	SC3863	SC3864	SC3865	SC3866 SC386	7 SC3868	SC3869	SC3870 S	3871 SC3	872 SC	3873 SC38	74 SC3875	SC3876	SC3877	SC3878 SC387	79 SC388	80 SC3881	SC3882	2 SC3883	SC3884
8	M	112A	V			V		-						1.50m, 3.00m, 5.00m							SC3804		SC38	805		SC380	5																		
8	M	112A		٧		٧		-						1.50m, 3.00m, 5.00m							SC3807		SC38	808		SC3809																			
8	M	112A	٧				V	M12A		٧		٧		0.20m up to 20m *	S	C3940					SC3941		SC39	142		SC394	3											SC3944							

M12 A-Coded - RJ45 Ultraflex SF/UTP cables

Flexible TPE sheath
Full copper Ultraflex SF/UTP AWG24 shielded cable
Each individual core consists of 41 strands of copper that together form a diameter of AWG24.





























M12 A-Coded - RJ45 Ultraflex SF/UTP AWG24

D				9	Side A						Side	e B			Longth	l																															
P	Con	nector	Male	Fema	le Chas	sis Stra	aight /	Angled	Connector	Male	Female	Chassis	Straight	Angled	Length	0.15m 0.	20m 0.30	m 0.50m	0.60m	0.80m 1.0	0m 1.50m	2.00m	m 2.50m	3.00m	3.50m	4.00m	4.50m 5.00m	5.50m	6.00m	6.50m	7.00m 7.50n	n 8.00m	8.50m	9.00m 9.50	m 10.00n	n 12.5	m 15.00m	17.50m	20.00m	25.00m ?	30.00m 35.0	.00m 40	0.00m 45	.00m 50.0	J0m 55.0	.00m 60	J.00m
	l N	/12A	٧				v		RJ45	V			V		1.00m up to 60.00m *					SC3	813 SC381	0		SC3811			SC3823	SC3814	SC3824	SC3825	SC3826 SC381	5 SC3827	SC3828	C3829 SC38	30 SC381	6 SC38	17 SC3818	SC3819	SC3820	SC3821 5	SC3822 SC3	.3831 SC	C3832 SC	.3833 SC3	3834 SC38	3835 SC	3836
	l N	/12A	٧					V	RJ45	V					10.00m, 20.00m																				SC384	0			SC3841								
	N	/12A		V	V				RJ45	٧					0.30m up to 60.00m *		SC39	00	SC3901	SC3	902 SC390	3 SC390	04 SC3905	SC3906	SC3907	SC3808 S	SC3909 SC3910	SC3911	SC3912	SC3913	SC3914 SC391	5 SC3916	SC3917	C3918 SC39	19 SC392	0 SC39	21 SC3922	SC3923	SC3924	SC3925 5	SC3926 SC39	.3927 SC	C3928 SC	.3929 SC3	3930 SC39	3931 SC	3932

M12 A cod	ding straigh															
Pins	Connector	Male	Female	Screw												
3	v	V	v	v												
4	v	V	v	v												
5	v	V	v	v												
8	v	v	v	v												

M12 A cod	ding angled			
Pins	Connector	Male	Female	Screw
3	v	V	v	v
4	v	V	v	v
5	v	V	V	v
0	.,	.,		.,

M12 A coding chassis front Pins Connector Male Female Screw															
Pins	Pins Connector Male Female Scr														
3	v	v	v	v											
4	v	v	v	v											
5	v	v	v	v											
8	v	v	v	v											

r	M12 A coding chassis back Pins Connector Male Female Screw														
	Pins Connector Male Female Screw														
	3	v	V	v	v										
	4	v	V	v	v										
	5	v	V	v	V										
	8	v	V	V	V										

M12 D cod	M12 D coding straight														
Pins	Connector	Male	Female	Screw											
4	v	v	v	v											











ACT Industrial Sensor cable Overview

M12 D-Coded Superflex Xtreme cables

Full copper Superflex AWG22 shielded cable Each individual core consists of 19 strands of copper that together form a diameter of AWG22.



























Div				Side /	4				Sic	de B			Length																																
PII	Conne	ector Ma	le Fe	emale	Chassis	Straight	Connector	r Male	Female	Chassis	Straight Ang	led	Length	0.15m 0.3	20m 0.30	m 0.50n	n 0.60n	n 0.80m	1.00m	1.50m	2.00m 2.50	m 3.00n	m 3.50m	4.00m	4.50m 5.	00m 5.	.50m 6	.00m 6.	50m 7.00	m 7.50m	8.00m 8.5	0m 9.00m	9.50m	10.00m	12.5m	15.00m	17.50m 20.	00m 25.00	m 30.00	0m 35.00	m 40.00r	m 45.00	0m 50.00m	55.00m 60	<mark>.00mر</mark>
4	M12	2D v	,			٧	-					1.50	60m, 3.00m, 5.00m							SC4440		SC444	11		SC	4442																		(
4	M12	2D v				٧	M12D	٧			V	0.50	0m up to 60.00m *			SC445	5	SC4456	SC4457	SC4460 S	C4458	SC446	51	SC4459	SC	4462 SC	C4463 SC	C4464 SC4	1465 SC44	56 SC4467	SC4468 SC4	469 SC4470	SC447	SC4472	SC4473	SC4474	SC4475 SC4	476 SC447	77 SC447	78 SC447	79 SC448	30 SC44	81 SC4482	SC4483 SC	24484
4	M12	2D v				٧	M12D		٧		V	1.50	60m, 3.00m, 5.00m							SC4500		SC450	01		SC	4502																			

M12 D-Coded - RJ45 Superflex Xtreme cables

Flexible TPE sheath
Full copper Superflex AWG22 shielded cable
Each individual core consists of 19 strands of copper that together form a diameter of AWG22.



















4 pins D





RJ45







M12 D-Coded - RJ45 Superflex AWG22

р:	_		Side	e A					S	ide B			1																																	
PI	Connector	r Male	Female	Chassis	Straight	Angled	Connecto	r Male	Female	e Cha	assis Straight	Angled	Length	0.15m	0.20m	0.30m	0.50m	0.60m 0.	.80m 1.00m	1.50m	2.00m	2.50m	3.00m 3	3.50m 4	4.00m 4	4.50m 5.00m	5.50m	6.00m	6.50m	7.00m	7.50m 8	.00m 8	8.50m 9.0	00m 9.50	n 10.00n	n 12.5n	15.00	m 17.5	50m 20.00n	n 25.00	m 30.00m	35.00m	40.00m	45.00m	50.00m 55.0	<mark>Jm 60.00n</mark>
4	M12D		V	٧			RJ45	V			v		0.30m up to 5.00m *	•		SC4530		SC4531	SC4532	SC4533			SC4534			SC4535																				
4	M12D	٧				V	RJ45	٧			V		1.50m up to 10.00m '	*						SC4560		:	SC4561			SC4562									SC4563	3										
- 4	M12D	V			V		R145	V			V		0.50m up to 60.00m 3	*			SC4408		SC4409	SC4406	SC4410	,	SC4407	9	SC4411	SC4400	SC4412	SC4413	SC4414	SC4415	SC4416 S	C4417 S	C4418 SC	1401 SC44	9 504403	2 SC442	0 50440	13 SC4	421 SC4404	1 50440	15 SC4422	SC4423	SC4424 4	SC4425	SC4426 SC44	127 SC4428

M12 X-Coded Superflex SF/UTP AWG26 cables

Flexible TPE sheath
Full copper Superflex CAT6A AWG26 SF/UTP cable
Each individual core consists of 28 strands of copper that together form a diameter of AWG26.



























M12 X-Coded Superflex CAT6A SF/UTP 26

line				Sic	e A									Side	3				l a	n orth																																									
'IIIS (Connect	or Ma	le I	emale	Chas	is St	raight	Angle	ed C	onnect	or N	Иale	Fem	ale	Chassi	s Str	aight	Angle	ed	ngun	0.15n	0.20	m 0.	30m (0.50m	0.60m	0.80m	1.00	n 1.50n	2.00	m 2.50)m 3.	00m 3	3.50m	4.00m	4.50m	5.00m	5.50r	n 6.0	0m 6	.50m	7.00m	7.50m	8.00m	8.50n	9.00	m 9.5	0m 10.	.00m 1	12.5m	15.00m	17.50m	20.00m	25.00m	30.00m	35.00m	40.00m	45.00m	50.00m	55.00m	60.00m
8	M12X	V					٧			M12X		٧					٧		1.50m, 3.	00m, 5.00m									SC497	0		SC	4971				SC4972	2																							

M12 X-Coded - RJ45 Superflex SF/UTP AWG26 cables

Flexible TPE sheath
Full copper Superflex CAT6A AWG26 SF/UTP cable
Each individual core consists of 28 strands of copper that together form a diameter of AWG26.







M12 X-Coded - RI45 Superflex CAT6A SE/LITP AWG26



















RJ45





Dime				Side	le A							Side B				Longth																																		
Pilis	Conr	nector	Male	Female	Chassis	Straig	ht Ang	led C	onnector	Male	Fema	le Ch	assis S	traight	Angled	Length	0.15m	0.20m	0.30m	0.50m	0.60m	0.80m	1.00m	1.50m	2.00m	2.50m	3.00m	3.50m 4	00m 4.5	0m 5.00n	n 5.50m	6.00m	6.50m	7.00m	7.50m	8.00m	8.50m	9.00m	9.50m	10.00m	12.5m	15.00m 17.	50m 20.0	00m 25.00r	n 30.00r	n 35.00r	m 40.00n	n 45.00m	50.00m	5.00m 60.00m
8	M	112X	٧						RJ45	٧				٧		1.50m up to 10.00m *								C4900			SC4901			SC490	2									SC4903										
8	M	112X		V	٧				RJ45	V				٧		1.50m, 3.00m, 5.00m	,							C4950			SC4951			SC495	2																			

RJ45 – RJ45 Profinet Superflex CAT6A SF/UTP AWG26 cables

Flexible TPE sheath
Full copper Superflex CAT6A AWG26 SF/UTP cable
Each individual core consists of 28 strands of copper that together form a diameter of AWG26.













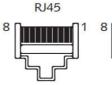
















Dim				Side A								Side B				Lougth																																					
Pins	Connect	tor Mal	le Fer	male C	hassis	Straight	Angle	d Con	nector	Male	Fema	ale C	hassis	Straight	Angled	Length	0.15m	0.20m	0.30m	0.50m	0.60m	0.80m	1.00m	1.50m	2.00m	2.50m	3.00m	3.50m	4.00m	4.50m	5.00m	5.50m	6.00m	6.50m	7.00m	7.50m	3.00m 8	3.50m 9	.00m 9	.50m 1	10.00m	12.5m	15.00m	17.50m	20.00m	25.00m	30.00m	35.00m	40.00m	45.00m	50.00m	55.00m 6	J.00m
8	RJ45	V				V		R	J45	V				٧		0.15m up to 60.00m *	SC4800		SC4801		SC4802		SC4804	SC4805	SC4806	SC4807	SC4808	SC4809	SC4810	SC4811	SC4812	SC4813	SC4814 S	SC4815 S	SC4816 S	SC4817 S	C4818 S	C4819 S0	C4820 S	C4821 S	SC4822	SC4823	SC4824	SC4825	SC4826	SC4827	SC4828	SC4829	SC4830	SC4831	SC4832	SC4833 S	C4834

RJ45 – RJ45 S/FTP CAT7

Polyurethane jacket suitable for outdoor and industrial use Full copper 24AWG wires, CAT6A 50µ gold RJ-45 contacts Cable remains flexible in many weather conditions; oil and UV resistant Supports PoE+ 30W applications























Dine			Side A				Side B			Longth																											
Pins	Connect	tor Male	Female Chassis	Straight Angled	Connecto	Male	Female Chassi	is Straight	t Angled	Length	0.15m 0.20m	0.30m	0.50m 0.60n	n 0.80m	1.00m 1.50r	n 2.00n	n 2.50m	3.00m 3.5	50m 4.00m	4.50m	5.00m	5.50m 6.	00m 6.5	50m 7.00	m 7.50m	8.00m	8.50m 9.00m	9.50m 10	.00m 12.	5m 15.00m 17	50m 20.00m	25.00m	30.00m	35.00m 40	.00m 45.00m	50.00m 55.0f	0m 60.00m
8	RJ45	v		V	RJ45	٧		٧		1.00m up to 20.00m *			FB8500		B8501 FB855	1 FB850	12	FB8503			FB8505			FB85	07			FB	8510	FB8515	FB8520)					