




P	LTR	DESCRIPTION	DATE	DWN	APVD
	A2	REVISED PER ECR-20-007771	01JUN2020	H.M	P.K

SPECIFICATION

UL20276 HT1302186/HWATEK			
CONDUCTOR	AWG SIZE	24AWG/4P	
	MATERIAL	BARE COPPER	
	CONDUCTOR COMPOSITION	mm 7/0.20	
	CONDUCTOR DIAMETER	mm 0.60	
INSULATION	THICKNESS	mm 0.18	
	MATERIAL	mm PE	
	OUTSIDE DIAMETER	mm 1.0	
	IDENTIFICATION	WHITE/BLUE X BLUE	
		WHITE/ORANGE X ORANGE	
WHITE/GREEN X GREEN			
WHITE/BROWN X BROWN			
INNER SHEATH	THICKNESS	mm 0.3	
	MATERIAL	PVC	
	OUTSIDE DIAMETER	mm 5.0	
TAPE	MATERIAL	AL MYLAR TAPE	
BRAID	MATERIAL	TIN PLATING COPPER WIRE	
OUTER SHEATH	THICKNESS	mm 0.5	
	MATERIAL	PVC	
	COLOR	BLACK	
	OUTSIDE DIAMETER	mm 6.8±0.2	
MARKING	P/N2260170-1 		
	 AWM I/II A/B 80°C 30V FT1 -LF- HWATEK		
	E258652  AWM STYLE 20276 80°C 30V VW-1---c		

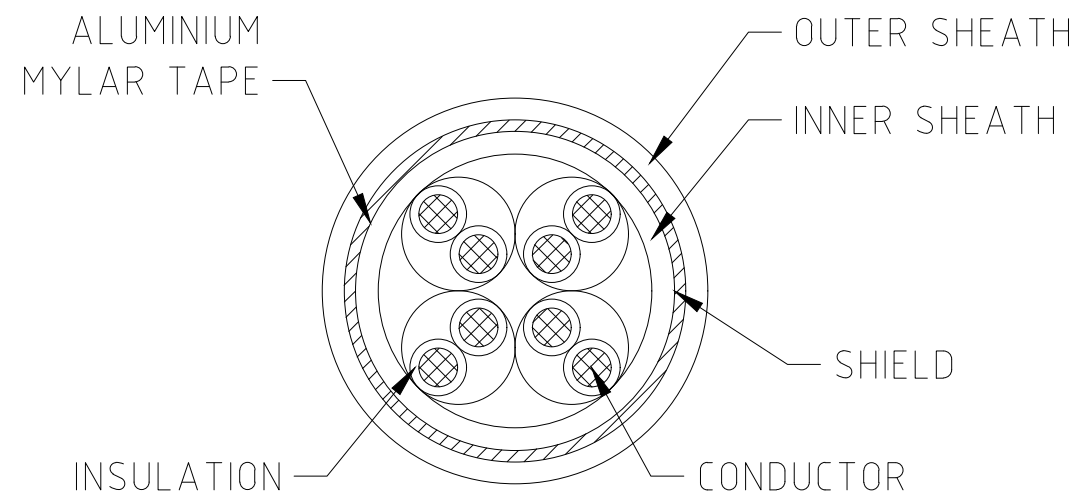
ELECTRICAL SPECIFICATION

RATED VOLTAGE	30V
RATED TEMPERATURE	-20°C~80°C
NATIONAL STANDARD	ISO/IEC 11801 2nd, EIA/TIA 568B
CABLE DESIGNATION	Category 5, Category5e
CONDUCTOR RESISTANCE	87.6Ω/km MAX
RESISTANCE UNBALANCE	2% MAX
VOLTAGE WITHSTAND TEST	AC 0.5KV/1min
INSULATION RESISTANCE	5000MΩ · km MIN
CAPACITANCE UNBALANCE	≤330pF/100m (AT 1kHz 20°C)


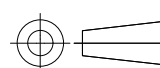
FREQUENCY SPECIFICATION

FREQUENCY [MHz]	IMPEDANCE [Ω]	MAX ATTENUATION [dB/100m]	MIN NEXT [dB]	MIN RETURN LOSS [dB]	ACR [dB]	PSNEXT [dB]	ELFEXT [dB]	MIN PSELFEXT [dB/100m]	DELAY SKEW [ns/100m]	DELAY [ns/100m]
1	100±15	2.4	65.3	20.0	63.0	62.3	63.8	60.8	45	570.0
4	100±15	4.9	56.3	23.0	51.0	53.3	51.7	48.7	45	552.0
8	100±15	6.9	51.8	24.5	45.0	48.8	45.7	42.7	45	547.0
10	100±15	7.8	50.3	25.0	43.0	47.3	43.8	40.8	45	545.0
16	100±15	9.9	47.3	25.0	37.0	44.3	39.7	36.7	45	543.0
20	100±15	11.1	45.8	25.0	35.0	42.8	37.7	34.7	45	542.0
25	100±15	12.5	44.3	24.2	32.0	41.3	35.8	32.8	45	541.0
31.25	100±15	14.1	42.9	23.3	29.0	39.9	33.9	30.9	45	540.0
62.5	100±15	20.4	38.4	20.7	18.0	35.4	27.8	24.8	45	539.0
100	100±15	26.4	35.3	19.0	9.0	32.3	23.8	20.8	45	538.0

- 上記内容は, Kunshan Hwatek Wires and Cable Co.,Ltd の仕様書番号HT1302186(A/1) に基づくものとする。
THIS SPECIFICATION BASED ON Kunshan Hwatek Wires and Cable Co.,Ltd SPEC No. HT1302186(A/1)
-  ケーブルへパーツナンバー (P/N2260170-1)及びロゴ(1621434-9) を印刷すること。
印刷のピッチは500mm以内とすること。
IT NEED TO PRINT ON THE CABLE AS PARTS No. (P/N2260170-1) AND TE-LOGO(1621434-9).
AND PRINT PITCH WITHIN 500mm
- 本製品はRoHS対応品とし、選定後弊社技術の承認をえること。
PRODUCT MUST BE RoHS COMPLIANCE.



-1 : AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	H.MAKIGUCHI	28MAR2013	 TE Connectivity NAME INDUSTRIAL ETHERNET Cat5e CABLE AWG24/4P BLACK					
DIMENSIONS: mm		CHK	M.HARASAWA	20MAY2014						
		APVD	N.YAMASAKI	20MAY2014						
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC								
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH		APPLICATION SPEC			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
MATERIAL		WEIGHT			A3	00779	C-2260170			
CUSTOMER DRAWING					SCALE	NTS	SHEET	1 OF 1	REV	A2