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Structure			Structure A	Structure B
Conductors	Structure AWG	AWG	28# (7/36)	26# (7/34)
	Material	--	Tinned Copper	Tinned Copper
	O.D.	mm	0.37 Ref	0.471 Ref
Insulation	Material	--	HD-PE	SR-PVC
	Diameter	mm	0.80±0.05	1.00±0.07
	Average Thickness	mm	0.215 Ref	0.265 Ref
	Color	--	AS Color Code	AS Color Code
Twist	Direction	--	Left (Z)	--
	Diameter	mm	1.60	--
Layer	Direction	--	Left (Z)	
	Diameter	mm	2.5 Ref	
Shielding 1	Material	--	AL-foil/mylar	--
	Conductive Side	--	Outside	--
	Overlap Rate	%	25	--
Drain wire	Structure AWG	AWG	28# (7/36)	
	Material	--	Tinned Copper	
Shielding 2	Shield	--	Braid	
	Material	--	Tinned Copper	
	Coverage Rate	%	65 MIN	
Jacket	Material	--	PVC	
	Diameter	mm	4.7 ± 0.15	
	Average Thickness	mm	0.86 Ref	
	Extrusion	--	Solid	
	Externals	--	Plane	
	Color	--	PC3T(PC171) (BEIGE)	
Inking	Color	--	BLACK	
	Inking NO.	DTKC	USB SHIELDED < 28AWG/1PR + 26AWG/2C > (UL) TYPE CM 75°C E129760 SPACE SHUTTLE-C CSA LL80671 AWM II A/B 80°C 30V FT4 USB Revision 2.0 .PPEC	

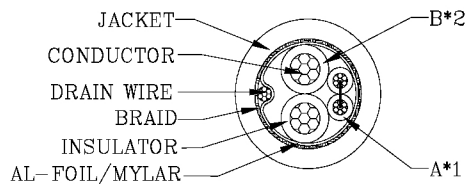
Transmission Characters :

1. Conductor resistance unbalance : 5%
2. Attenuation :

Frequency(MHz)	0.512	0.772	1.00	4.00	8.00	12.0	24.0	48.0	96.0	200.0	400.0
Attenuation(MAX)db/cable	0.130	0.150	0.20	0.390	0.570	0.760	0.950	1.350	1.90	3.20	5.80

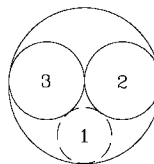
3. Impedance : 30Ω±30% @ TDR (Common mode)
90Ω±15% @ TDR (differential)

4. Propagation Delay : 5.2ns/M MAX
5. Propagation Delay skew : 100PS MAX



COLOR CODE

1. GREEN*WHITE
2. BLACK (P570)
3. RED (P572)



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
		Replace 027-48	4/25/2019	

Electric Characters

1. Voltage rating :--
2. Temperature rating: 75 °C
3. Spark test : AC 500V / 0.15 sec MIN
4. Dielectric strength : AC 750V/1sec MIN
5. Insulation resistance : SR-PVC DC-500V 10MΩ/KM MIN. at 20°C
PE: DC-500V 100MΩ/KM MIN. at 20°C
6. Conductor resistance: 28AWG-237Ω/KM MAX. at 20°C
26AWG-148.0Ω/KM MAX. at 20°C

Physical Characters

1. Flame test of cable :
1.1 : Vertical tray flame test, FT4
1. Tensile strength test (before aging) :
1.1 Sheath : > 1.41kg/mm2
1.2 Insulation : > 2.11kg/mm2 (SR)
1.3 Insulation : > 1.68kg/mm2 (PE)
2. Tensile strength test(after aging):
2.1 Sheath : > 85%
2.2 Insulation : > 70% (SR,)
2.3 Insulation : > 75% (PE)
3. Elongation (before aging):
3.1 Sheath : > 100%
3.2 Insulation : > 100% (SR,)
3.3 Insulation : > 300% (PE)
4. Elongation(after aging):
4.1 Sheath : > 50%
4.2 Insulation : > 70% (SR)
4.3 Insulation : > 75% (PE)
5. Requirements for green environment protection : Accord with RoHS

BY	DATE	PART NO	
DRAWN		PAN PACIFIC ENTERPRISE CO.	
CHK'D			
APPRV		MCC-USB-6-250	
MATERIAL		UNITS	SHEET
FINISH		SCALE	NONE
			1 of 1

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