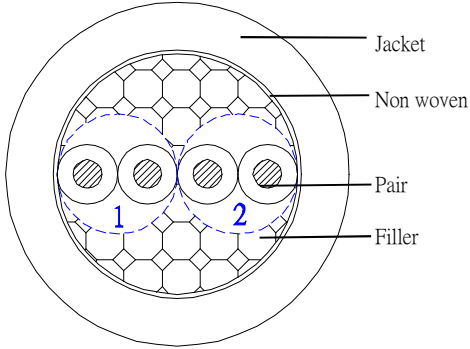




# Product Specification

Part No.:	Color		
Style 21307 Multiple conductor cable using extruded non-integral jacket	Insulation 1.brown*white 2.green*yellow		
<b>Cross Section</b>			
			
<b>Jacket</b>			
Per request			
<b>Performance</b>			
<b>Electrical Characteristics:</b>			
Max.Conductor DC Resistance at 20°C (Ω/km)			39.00
Min. Insulation Resistance at 20°C (MΩ.km)			200.0
Attenuation(dB/100m)		78kHz	0.33
		100kHz	2(max.)
Character Impedance(20°C, Ω)		1MHz to 20MHz	95+/-20%
<b>Mechanical Characteristics:</b>			
<b>Test Object</b>			
Test Material		<b>Insulation</b>	<b>Jacket</b>
Before	Tensile Strength (Mpa)	HDPE	NHFR
Aging	Elongation (%)	≥ 16.56	≥ 8.27
		≥ 300	≥ 100
Aging Condition (°C)		100±2°C X48hrs	
After	Tensile Strength (Mpa)	≥ 75% of original	≥ 75% of original
Aging	Elongation (%)	≥ 75% of original	≥ 75% of original
Minimum Bending radius			10XD
<b>Marking</b>			
BELDEN E357312-S 2PR0.5SQMM  AWM STYLE 21307 80C 300V VW-1 - - - c  AWM I A/B 80C 300V FT1 ROHS HALOGEN FREE			
<b>Description</b>			
Rated Voltage (V)	300		
Rated Temperature (°C)	80		
Flame Test	VW-1		
<b>Application</b>			
For internal wiring and external interconnection of electronic equipment			
<b>Reference Standard</b>			
UL758&UL1581&Customer's Requirement			
<b>Construction</b>			
2P			
<b>Conductor</b>	<b>Stranded Bare Copper</b>		
Size(mm <sup>2</sup> )	0.50		
Construction(mm)	16/0.2		
Dia. (mm)	0.92		
<b>Insulation</b>	<b>HD-PE</b>		
Min. Thickness (mm)	0.13		
Nom. Thickness (mm)	0.25		
Insulation Dia. (±0.08mm)	1.50		
Twist(Direction)	S		
<b>Cabling</b>	<b>2P+filler</b>		
Direction	S		
<b>Non-woven tape(Overlapping,%)</b>	≥25%		
<b>Jacket</b>	<b>NHFR</b>		
Min. Thickness (mm)	1.34		
Nom. Thickness (mm)	1.80		
Outer Dia. (±0.3mm)	8.40		
<b>Sample Record</b>			
Sample No. :			
Original spec no.: SZ-B21307-292		Rev.: 0	
Ref. spec No. : SK-B21307-641		Rev.: 0	
<b>Revision History</b>			
Prepared by:	MYQ	2016/6/28	Table No.:T100
Approved by:	CICICHENG	2016/6/28	Rev.: 0