



# Specification

Issue Date: 8/29/2014

Issue: 5

## Construction

<b>Description:</b> 12 Cond 18 (41) mPPE/PUR OAFBS		<b>Diam. (In)</b>																																	
Component:	12 Conductors																																		
Conductor:	18 AWG 41/34 TC	0,75mm 41 x 0,15mm	0.047"																																
Insulation:	0.010"	mPPE UL Approved	0.067"																																
Color Code:	<table border="1"> <thead> <tr> <th>Cond</th> <th>Color</th> <th>Cond</th> <th>Color</th> <th>Cond</th> <th>Color</th> <th>Cond</th> <th>Color</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Black</td> <td>4</td> <td>Orange</td> <td>7</td> <td>Blue</td> <td>10</td> <td>White</td> </tr> <tr> <td>2</td> <td>Brown</td> <td>5</td> <td>Yellow</td> <td>8</td> <td>Violet</td> <td>11</td> <td>White/Black</td> </tr> <tr> <td>3</td> <td>Red</td> <td>6</td> <td>Green</td> <td>9</td> <td>Slate</td> <td>12</td> <td>White/Brown</td> </tr> </tbody> </table>			Cond	Color	Cond	Color	Cond	Color	Cond	Color	1	Black	4	Orange	7	Blue	10	White	2	Brown	5	Yellow	8	Violet	11	White/Black	3	Red	6	Green	9	Slate	12	White/Brown
Cond	Color	Cond	Color	Cond	Color	Cond	Color																												
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2	Brown	5	Yellow	8	Violet	11	White/Black																												
3	Red	6	Green	9	Slate	12	White/Brown																												
Cable Assembly:	12 Components Planetary Cabled: Core = 3 RHL + Layer 2 9 LHL		0.270"																																
Fillers	Fibrillated Polypropylene if required for roundness		0.270"																																
Tape:	Non-Woven Separator Tape for Strip-Ability		0.275"																																
Braid:	Tinned Copper Braid Jacket 90% Coverage		0.296"																																
Jacket:	0.0335"	Polyurethane	0.360"																																
Jacket Color:	Gray		0.360"																																
Print:	PUR-Flex 18 AWG 12 Conds CL6 E174416 RU AWM 21768 105°C 600V FT-1 cUR AWM I/II A /B FT-1 105°C 600V CE RoHS "Seq Meters"																																		
Specifications:			Bend Radius:																																
UL	AWM - 21768	105°C 600 Volt FT-1	6X Cable Diameter(stat ic) 8X Cable Diameter(dynamic)																																
Canadian cUL	AWM	105°C 600 Volt FT-1	Flex life of over 1 million cycles																																
<b>Environmental Compliance</b>																																			
EU Directive 2002/95/EC(RoHS): All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment.																																			
REACH Regulation (EC 1907/2006):  This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.																																			
California Prop 65:  The outer surface materials used in the manufacture of this part meet the requirements of California Prop. 65.																																			

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Drawing/Rotation:

