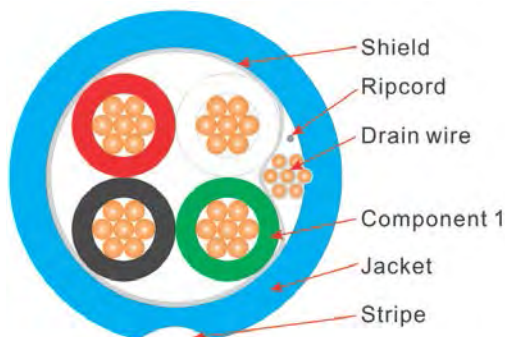


SCP Part Number: LUTRON-WHITE

REV.A

Cross Section



Description

HOMEWORKS CABLE, LUTRON SERIES

Marking

STRUCTURED CABLE PRODUCTS EXXXXXX (UL) OR c(UL) CM CL3
75C MM/YY --- P/N: LUTRON-WHITE --- HOMEWORKS --- 4C/18
AWG SHIELDED W/DRAIN - PVC JKT CE EU RoHS EC ZONE/DEVICE
A B C D E 0 1 2 3 4 5 6 7 8 9 XXXX FEET

Construction

Component 1: 18AWG X4 core

Center Conductor	18AWG stranded bare copper
Size	7 X 26AWG
Dia.(in/mm)	0.047/1.20
Insulate	FR-PVC
Insulation Dia.(in/mm)	0.077/1.96
Color	Black,White,Red,Green
Cabling	4 core 18AWG
Shield	AL foil
Wrapping Overlap(%)	25

Final assembly

Drain wire	7X28AWG stranded Tinned copper
Dia.(in/mm)	0.038/0.96
Ripcord	Cotton
Out jacket	FR-PVC, Light blue with white stripe
Nom. Thickness(in/mm)	0.027/0.69
Cable Dia.(in/mm)	0.240/6.10
Packing	Wooden spool
Length(ft/m)	1000/305
Gross Weight(lbs/kg)	51.81/23.5

Performance

Electrical Characteristics:[@68°F.(20°C.)]

Component 1: 18AWG	
Conductor DCR@ 20°C (ohms/kft)	6.25
Drain wire	
Conductor DCR@ 20°C (ohms/km)	9.76

Mechanical Characteristics:

Test Object:	Jacket
Test Material	
Before Tensile strength (psi)	>=2000
Aging Elongation (%)	200
Aging Condition (°C_hrs)	100_168
After Tensile strength (%)	>=85%unaged
Aging Elongation (%)	>=50%unaged
Cold Bend (-20±2°C/4hrs)	No crack
Jacket Longitudinal Shrinkage (%)	>=5
Operating Temperature Range (°C)	-20~75

Standards

UL, CE, RoHS