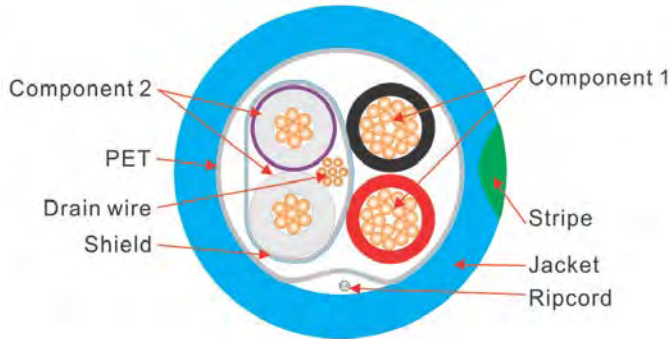




SCP Part Number: LUTRON-GREEN

REV.A

Cross Section



Performance

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

Component 1: 18AWG	
Conductor DCR@ 20°C (ohms/kft)	7.23
Component 2: 1P 22AWG	
Conductor DCR@ 20°C (ohms/km)	16.2
Drain wire	
Conductor DCR@ 20°C (ohms/km)	25.4

Description

HOMEWORKS CABLE, LUTRON SERIES

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

Marking

STRUCTURED CABLE PRODUCTS EXXXXXX (UL) OR c(UL) CM CL3
75C MM/YY --- P/N: LUTRON-GREEN --- GRAFIX EYE --- 2C/22 AWG
SHIELDED + 2C/18 AWG STRANDED 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 X2 core

Conductor	18AWG stranded bare copper	
Size	16 X 30AWG	
Dia.(in/mm)	0.046/1.18	
Insulate	FR-PVC	
Insulation Dia.(in/mm)	0.067/1.71	
Color	Black,Red	

Component 2: 1Pair 22AWG

Conductor	22AWG stranded bare copper	
Size	7 X 30AWG	
Dia.(in/mm)	0.030/0.76	
Insulate	Foam PE	
Insulation Dia.(in/mm)	0.077/1.96	
Color	1 Natural, 2 outer skin is purple	
Drain wire	7X32AWG stranded Tinned copper	
Dia.(in/mm)	0.023/0.60	
Cabling	Two 22AWG and drain wire	
Shield	AL foil	
Wrapping Overlap(%)	25	

Final assembly

Cabling	Two 18AWG and 1Pair 22AWG	
Wrapping	PET	
Ripcord	Cotton	
Out jacket	FR-PVC, Light blue with green stripe	
Nom. Thickness(in/mm)	0.031/0.80	
Cable Dia.(in/mm)	0.252/6.40	

Packing

Wooden spool

Length(ft/m)	1000/305	
Gross Weight(lbs/kg)	47.62/21.6	

Standards

UL, CE, RoHS