

Customer Name Project Name Part Number



Description

2 Pair Conductor (4 conductors + drain wire), Individually shielded Plenum, 120 ohms - DMX512 and AES/EBU Digital Cable, PVC Jacket Multi-Conductor, UL Listed E143243.



Product Specifications

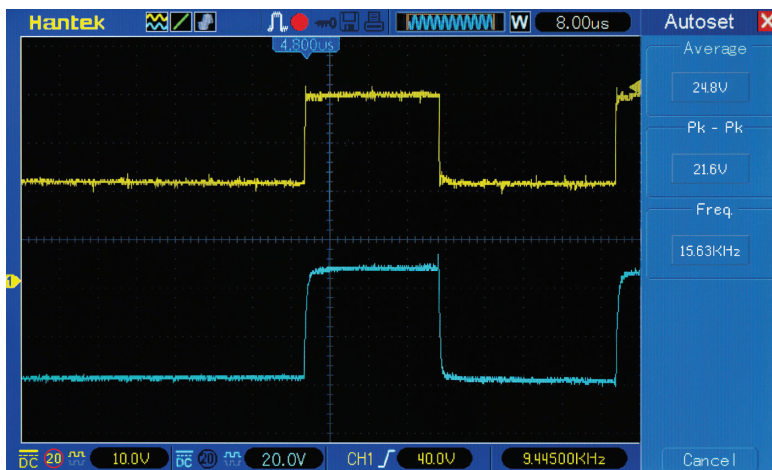
Conductor	4 x 22 AWG stranded, 7 strands 30AWG, Bare Copper	Capacitance Conductor to Shield	12 pF/ft.
Insulation	Low Smoke PVC 0.008" (Black, Red, White, Green)	Inductance Between Conductors	65 mH/ft.
Drain Wire	1 x 24 AWG stranded, 7 strands 32AWG, Tinned Copper	Resistance	22 ohms/1000 ft.
Characteristic Impedance	120 ohms +/- 25 ohms @ 1 MHz, 20C Ambience Temperature	Insulation	PVC Thickness 0.018" - Black Jacket.
Jacket Rating	Plenum (CMP)	Shield	Aluminum Mylar.
Capacitance Between Conductors	19 pF/ft.	Overall Diameter	0.175"
Inductance Between Conductors	65 mH/ft.	Temperature Rating	0 C to 75 C / 300 Volts.
		Certifications	UL C(UL)S CMP

Cable Markings 1: SIRS-E DEVICE/ZONE A B C D E 0 1 2 3 4 5 6 7 8 9 E143243 22 AWG C(UL)US CMP ROHS FT6 MADE IN THE USA C19466300

Cable Markings 2:



DMX signal after 1,000 ft of cable



Ordering Guide

Series	Conductors	Plenum	Gauge	Certification
DMX	2PR	S P	22 60	UL
	Shielded		IP Rating	

Product Country of Origin

Product Engineering & Design	USA
Assembled	USA
QC Quality Control	USA
Product Customization	USA
Technical Support	USA

About Us



SIRS-E: {semiconductor • illumination • research • solutions}

In 2004, SIRS-E began research into the use of high powered LED components to be applied in direct lighting fixtures and LED strips.

In 2005, SIRS-E developed the RGB HPL01 - 12 watt (60 lumens per watt efficiency) RGB lighting fixture controlled via DMX using LumiLEDS, one of the first high-powered LEDs eventually acquired by Phillips. Included in early research solutions was the development and testing of many different LED strips intended to be used for direct RGB lighting and effects applications. This was the beginning of what is now known as SIRS - Electronics.