

Customer Name  Project Name  Part Number



### Description

2 Pair Conductor (4 conductors + Shield). Shielded Non Plenum, 120 ohms - DMX512 and AES/EBU Digital Cable, PVC Jacket Multi-Conductor, With Water Block Tape.

### Product Specifications

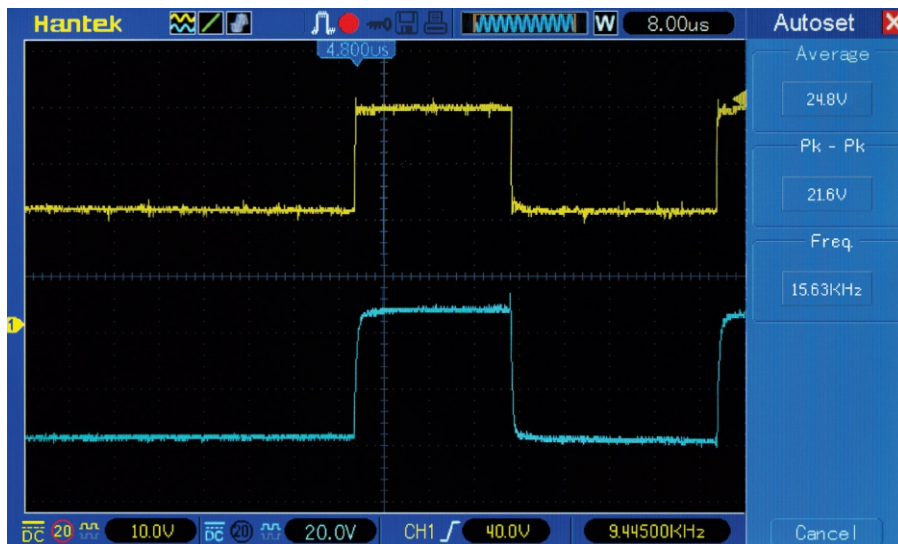
Conductor	4 x 22 AWG stranded, 7 strands 30AWG, Bare Copper	Capacitance Conductor to Shield	12 pF/ft.
Insulation	PVC 0.008" (Black, Red, White, Green)	Inductance Between Conductors	65 mH/ft.
Drain Wire	1 x 24 AWG stranded, 7 strands 32AWG, Tinned Copper	Resistance	22 ohms/1000 ft.
Characteristic Impedance	120 ohms +/- 25 ohms @ 1 MHZ, 20C Ambience Temperature	Insulation	PVC Thickness 0.025" - Black Jacket.
Waterproofing	Non-Polyester Woven Water Blocking Tape IP65	Shield	Aluminum Mylar.
Capacitance Between Conductors	19 pF/ft.	Overall Diameter	0.169"
Inductance Between Conductors	65 mH/ft.	Temperature Rating	0 C to 75 C / 300 Volts.

Cable Markings 1: SMARTWIRE[™] DEVICE / ZONE A B C D E 0 1 2 3 4 5 6 7 8 9 22 AWG C CMR 75C ROHS MADE IN THE USA "SUN RES" "SUITABLE FOR WET LOCATIONS"

Cable Markings 2:



### DMX signal after 1,000 ft of cable



### Ordering Guide

Series

**DMX — 4CS22G**

### 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.