Technical Specifications
TL-IR-CC

Features at a Glance

- IR from control system to display through extenders
- Supports 3.3V, 5V, and 12V DC IR output signals
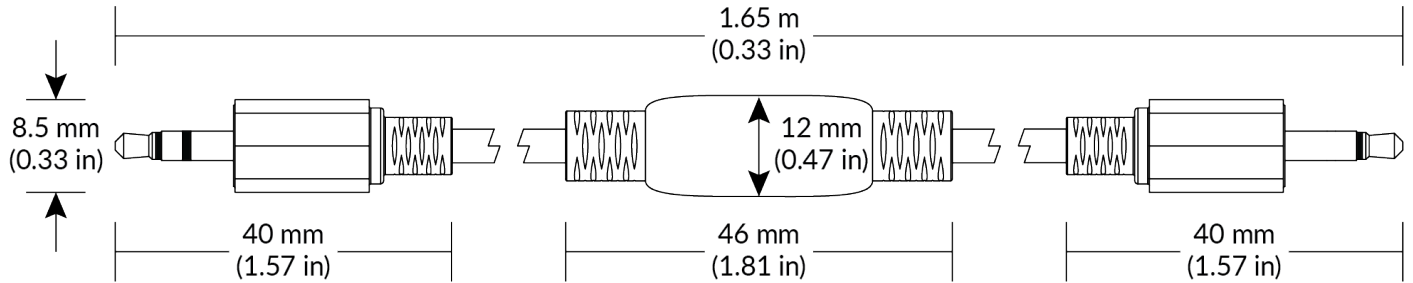- Compatible with TechLogix extenders

The TechLogix TL-IR-CC allows direct IR to IR connections between devices. The IR IN (TRS) connector is compatible with an IR input which provides +5V DC to the tip of the connector. The TL-IR-CC allows direct connection between the IR output of a third-party control system and a TechLogix extender. The TL-IR-CC will also allow daisy-chaining IR signals between TechLogix extenders.

Specifications

Input/Output Connections	
IR In	One (1) 3.5 mm TRS (+5V DC, Signal, Ground)
IR Out	One (1) 3.5 mm TS (Signal, Ground)
IR Compatibility	
IR range	33-55 KHz
IR In Voltage	5V DC
Supported IR Out Voltages	3.3V, 5V, and 12V DC
Chassis and Environmental	
Enclosure	Black PVC
Cable Length	1.65 m (5.41 ft)
Shipping Weight	0.05 kg (0.11 lbs)
Operating Temperature (Environment)	0° to +40° C (+32° to +104° F)
Operating Temperature (Chassis)	31° C (88° F) (S); 38° C (100° F) (R)
Operating Humidity (Environment)	20% to 90%, Non-condensing
Storage Temperature (Environment)	-10° to +60° C (+14° to +140° F)
Storage Humidity (Environment)	20% to 90%, Non-condensing

Dimensional Drawing

1.65 m
(0.33 in)

8.5 mm
(0.33 in)

12 mm
(0.47 in)

40 mm
(1.57 in)

46 mm
(1.81 in)

40 mm
(1.57 in)

Basic Application Drawing

Third-party Control System

TL-IR-CC

Techlogix Transmitter

Techlogix Receiver

Display

IR Out

IR In

IR Out