

Features

- ▶ USB 3.2 (Gen 1x1) – 5Gbps data transmission
- ▶ Gold plated precision contacts
- ▶ USB-A male to USB-A female with PureLink APO™, lockable
- ▶ Tinned copper strands and triple shielding, AWG28/24
- ▶ Power transmission with max. power output 3A / 5V / 15W, optional PSU

Connections

Connector Material	ABS / PVC Plastic	
Contact Material	Gold-plated	
Connector 1	USB-A Male	
Dimensions Connector 1	49 x 15 x 8mm	
Connector 2	USB-A Female, Lockable	
Dimensions Connector 2	82 x 22.2 x 13mm	
Active Signal Amplifier	PureLink APO™, Optional 5V/1.5A PSU	
Drivers	Plug&Play, no Drivers Required	
Dimensions cable repeater	84.0 x 15.0 mm	
Quantity of in-cable repeater modules per length	Length	Cable repeater quantity
	0.15m	1
	5.00m	1
	10.00m	1
	15.00m	2

Cable

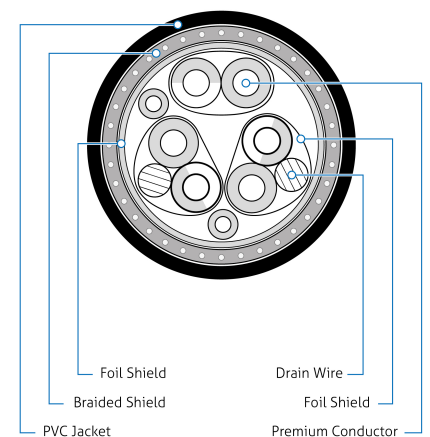
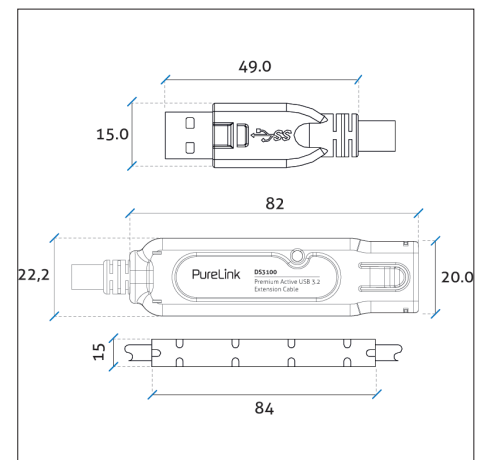
Type	Round Cable
Construction	Up to 5m: 3x 28AWG Twisted Pairs + 2x 24AWG Single Wires + Drain From 10m: 3x 24AWG Twisted Pair + 2x 20AWG Single Wires + Drain
Shielding	Triple Shielded
Inner Conductor Material	Tinned Stranded Copper
Jacket Outer Material	PVC
Cable Outer Diameter	Up to 5m: 5.5mm From 10m: 7.0mm
Minimum Bend Radius	Up to 5m: 38.5mm From 10m: 47.0mm
Sheath Printing	Cable Standards, Max. Temperature, Combustion Class

Signal Transmission

Standard	USB 3.2 (Gen 1x1) / 2.0 / 1.1
Max. Bandwidth	5 Gbps
Max. Power Output	0.94A / 5V / 4.7W, 1.25A / 5V / 6.25W (DS3100-100/DS3100-150)

General

Transmission Distance	Up to 15.00m
Operation Temperature	0°C - 50°C
Colour	Black
Packaging	Giftbox, PAP21
Certification / Compliance	CE, FCC, VW-1, ROHS, REACH



DS3100 Overview

Parent	Art.-No.	Length	Colour	EAN
DS3100	DS3100-0015	0.15m	black	4251364730980
	DS3100-050	5.00m	black	4251364716182
	DS3100-100	10.00m	black	4251364716199
	DS3100-150	15.00m	black	4251364716205
	DS3100-PSU	Optional PSU	black	4251364730843

