

Specifications

Eaton U415-002-BDS

Bi-Directional USB-C Switch, 8K/60Hz Video, USB 10G Data and 100W PD Charging



General specifications

PRODUCT NAME	Eaton Tripp Lite series hub
CATALOG NUMBER	U415-002-BDS
UPC	037332288196
PRODUCT LENGTH/DEPTH	2.17 in
PRODUCT HEIGHT	0.59 in
PRODUCT WIDTH	2.17 in
PRODUCT WEIGHT	0.14 lb
WARRANTY	3 year limited
COMPLIANCES	RoHS REACH CE Marked FCC Compliant UKCA WEEE Directive
CERTIFICATIONS	EN 55032 EN 55035
GLOBAL CATALOG	U415-002-BDS
PRODUCT TYPE	Hub

Product specifications

TYPE	USB-C Switch + Hub
RELATIVE HUMIDITY	10% to 85% RH, Non-Condensing
COLOR	Black
CABLE JACKET RATING	VW-1
USB HUB PORTS	Yes
USB POWER DELIVERY (PD) CHARGING SUPPORT	Yes
CABLE JACKET COLOR	Black
CHARGING PORTS / AMPS	5A
CONNECTOR PLATING	Nickel
CONNECTOR TYPE	USB/Thunderbolt/Lightning
PRODUCT FEATURES	3D Video Supported Extended Mode HDR Support Mirror Mode Suspend Mode Support EDID Support DisplayPort Alt Mode DSC Support
USB SPECIFICATION	USB 3.2 Gen 2 (Up to 10 Gbps)
CABLE JACKET MATERIAL	PVC
CONNECTOR STYLE	Straight
PACKAGE CONTENTS	U415-002-BDS 2x1 Bi-Directional USB-C Switch Installation instructions
CHARGING PORT TYPE	USB C (FEMALE)
CONTACT PLATING	Gold
CHROMA SUB SAMPLING	4:2:0 4:2:2 4:4:4
SIDEA CONNECTOR1	USB C (MALE)
COMPATIBLE DEVICES	Chromebook Laptop Portable Speaker Smartphone Tablet Video Game Console
SIDEB CONNECTOR1	USB C (FEMALE)
OPERATING TEMPERATURE	14 to 140 F (-10 to 60 C)
OPERATING TEMPERATURE RANGE	14 to 140 F (-10 to 60 C)
STORAGE TEMPERATURE RANGE	-4 to 158 F (-20 to 70 C)

Resources

DATA PORTS	USB-C - USB 3.2 Gen 2 (10 Gbps) USB C (FEMALE)
SIDEB CONNECTOR3	USB C (FEMALE)
HOST CONNECTOR	USB C (MALE)
CHARGING AMPS PER PORT	5A
TECHNOLOGY	Thunderbolt USB 3.x
CHARGING PORTS	USB-C: 100W (20V 5A) Power Delivery (PD 3.0)
VIDEO PORTS DETAILS	DisplayPort 1.4
NUMBER OF CHARGING PORTS	2
NUMBER OF MONITORS SUPPORTED	1
NUMBER OF USB HUB PORTS	2
CABLE OUTER DIAMETER (OD)	4.8 mm
DATA PORTS DETAILS	USB-C - USB 3.2 Gen 2 (10 Gbps)
LED INDICATORS	(2) Blue = Identifies active USB-C port
CONNECTOR GROUP	USB-C
MATERIAL	PVC
MAX SUPPORTED COLOR DEPTH	36-bit Deep Color
MAX SUPPORTED VIDEO RESOLUTION	7680 x 4320 @ 60 Hz
RESOLUTIONS SUPPORTED	Capable of transmitting video to a USB-C display at resolutions up to 8K (7680 x 4320) @ 60 Hz and 4K (3840 x 2160) @ 120 Hz
WIRE GAUGE (AWG)	34/23
TOTAL CHARGING AMPS	5
TOTAL CHARGING WATTS	100 W
CABLE LENGTH RANGE	Up to 4ft (up to 1M)
BANDWIDTH	40 Gbps
CONNECTOR	USB C (male)
SUPPORTED RESOLUTION	3840 x 4320 (4K) 7680 x 2160 (8K)
VIDEO INPUT	USB C (MALE)
VIDEO OUTPUT	USB C (FEMALE)
VIDEO PORTS	USB C (FEMALE) DisplayPort 1.4

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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