

PASSIVES DATA SHEET

FTTx Rackmount Optical Splitters



Champion ONE's FTTx optical splitters are designed to accommodate easy installation access to PON optical distribution networks (ODN). The splitters are broad spectrum single mode fiber devices that pass all the standard wavelengths of current and future Passive Optical Network (PON) technologies. These splitters are packaged in standard 19" rackmount units for ease of deployment.

Technical Specifications

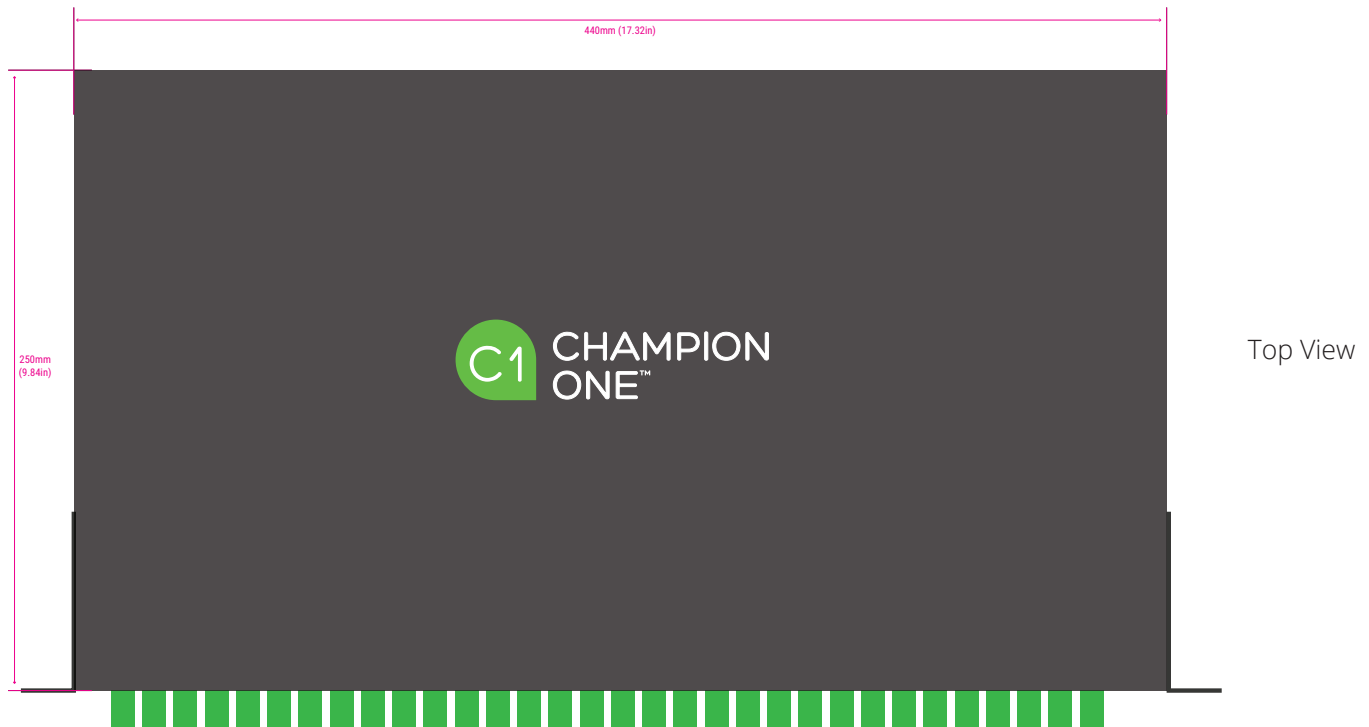
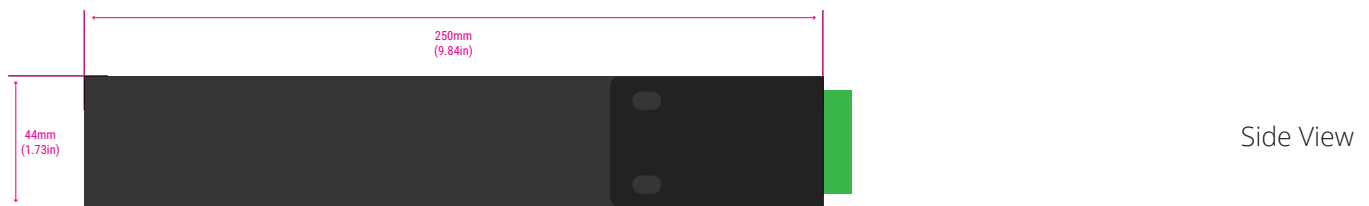
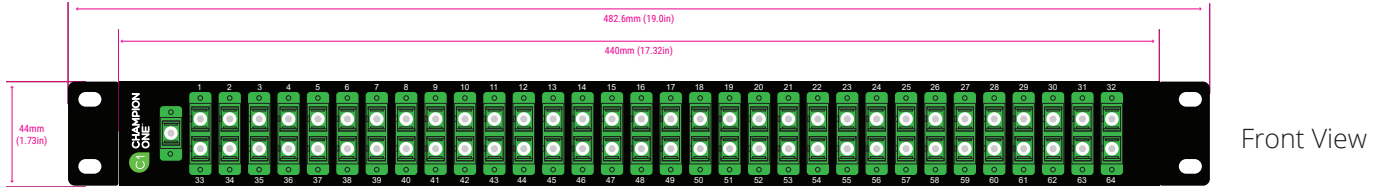
Parameters	1x64	1x128
Operating Wavelength (nm)	1260-1650	1260-1650
Insertion Loss (dB)	21.0	24.2
Loss Uniformity (dB)	2.0	2.5
Polarization Dependent Loss (dB)	0.3	0.4
Return Loss (dB)	55	55
Directivity (dB)	55	55
Wavelength Dependent Loss (dB)	0.5	0.5
Temperature Stability (@ -40 to 85) (dB)	0.5	0.5
Operating and Storage Temperature (°C)	-40 to 85	-40 to 85
Fiber Type	G657A1	
Connector Type	SC/APC	SC/APC
Dimensions (mm LxWxH)	1RU enclosure 250 x 440 x 44	2RU enclosure 250 x 440 x 88

Ordering Information

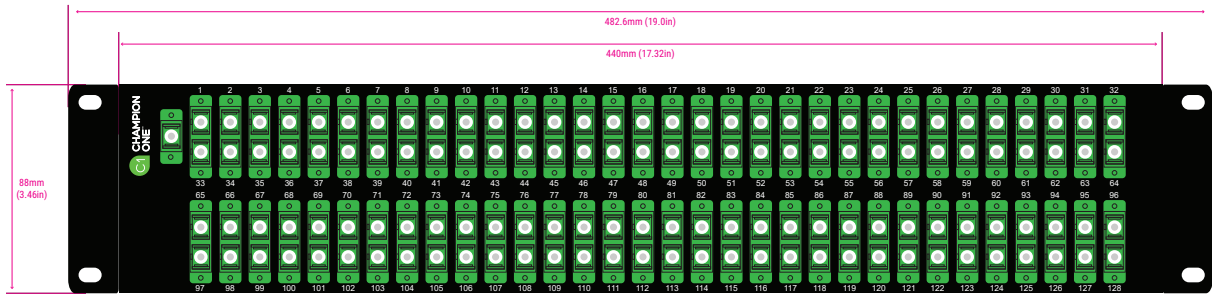
C1 Part Number	Description
PLCS-L1-64-SA	FTTx splitter, 1 Svc, 1x64 1260-1650nm, SC/APC, 1RU
PLCS-L1-128-SA	FTTx splitter, 1 Svc, 1x128 1260-1650nm, SC/APC 2RU

Physical Diagrams

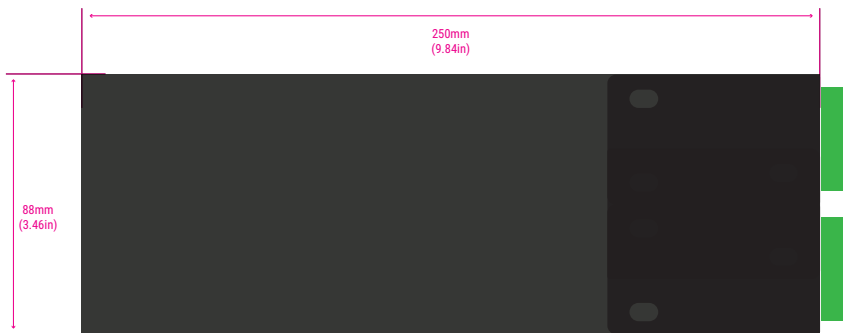
PLCS-L1-64-SA



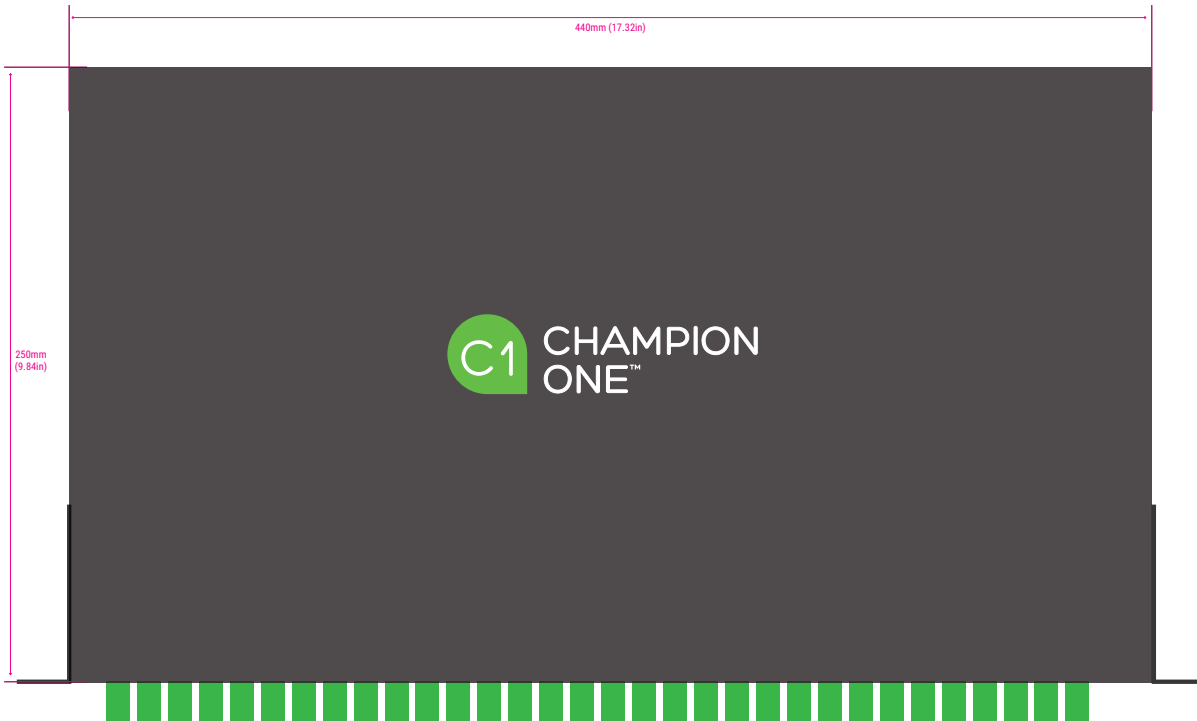
PLCS-L1-128-SA



Front View



Side View



Top View