

MODEL: USBC-24-10 | DESCRIPTION: Power USB CABLE 5V to 24V

FEATURES

- USB 5V DCDC converter to 24V
- Up to 10W
- type C Female to stripped cable
- 0.5 meter
- PVC jacket
- Short circuit protection



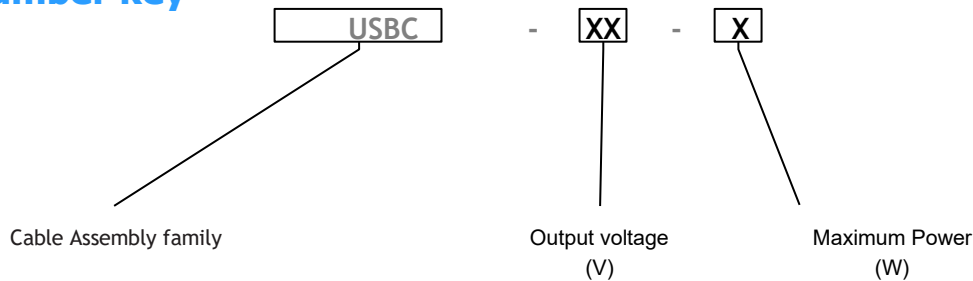
USB C part



Models

Part number	Input voltage		Output voltage		Output current		Power output	Ripple max	Efficiency
	Typ (Vdc)	Range (Vdc)	Typ (Vdc)	Tolerance (%)	min (mA)	max (mA)	(W)	(mVp-p)	(%)
USBC-24-15	5	4,5 to 5,5	24	±5%	-	420	10	200	76

Part number key



SPECIFICATIONS

Input

Parameter	Description	Min	Typ	Max	Unit
Operating input voltage	USB	4.5	5	5.5	Vdc
Surge voltage	For maximum of 1 second / 10W output power	-0.9	-	9	Vdc
Current	24 Vdc output - full load			490	mA

Output

Parameter	Description	Min	Typ	Max	Unit
Maximum capacitive load	24 Vdc output - full load			47	μF
Output voltage accuracy	24 Vdc output - full load	-5		+5	%

Protection

Parameter	Description	Min	Typ	Max	Unit
Short circuit protection	continuous, auto recovery				

SAFETY AND COMPLIANCE

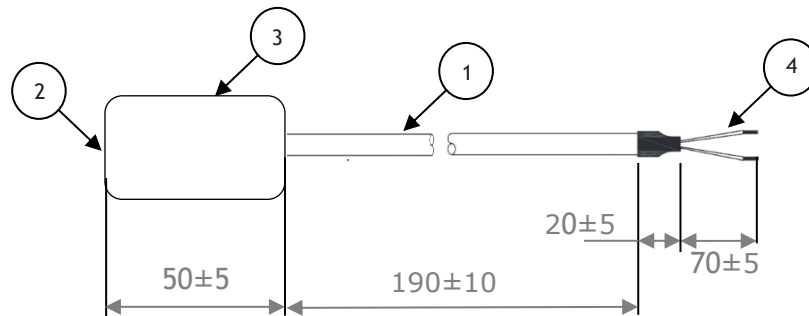
Parameter	Description	Min	Typ	Max	Unit
Isolation voltage	No isolation between input and output				Vdc
Isolation resistance	No isolation between input and output				MΩ

ENVIRONMENTAL

Parameter	Description	Min	Typ	Max	Unit
Operating temperature		0		+55	°C
Storage temperature		-20		+80	°C

MECHANICAL DRAWING

Units:mm



Item	Description	Plating / color	Material
1	Cable	Black	PVC - UL 272
2	Connector	shell: Stainless steel term.: Copper Alloy	USB C Female
3	Plastic Enclosure	White	ABS plastic
4	Stripped cable	Red: +24V Black: Ground	Tinned Copper Wire / ferrules



REVISION HISTORY

Rev.	Description	Date
1.0	initial release	04/16/2025

The revision history provided is for informational purposes only and is believed to be accurate.



IdeaWard offers a two (2) year limited warranty.

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