

M805 8x8 Power Combiner

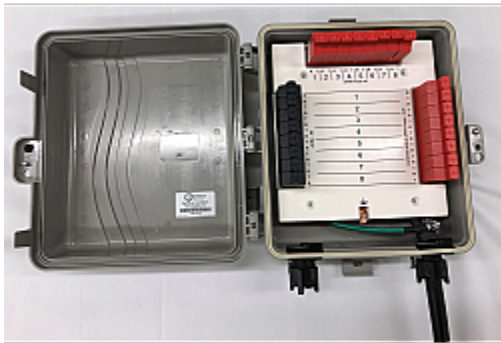
Model SA-2745-M800-25



NAME
8x8 Power Combiner

ORDER NUMBER
SA-2745-M800-25

The 8x8 Power Combiner provides the required filtering for running Span Power (+/-190 VDC) and VDSL2 copper transport over the same copper pairs. The combiner is a complete standalone unit including primary protection on all connections and a 25ft stub tail.



BENEFITS

- Enclosure is NEMA Type 3 rated
- Insulation Displacement Connector (IDC) eliminate the need to strip wires, resulting in faster on-site connections
- Primary Protectors on all Inputs and Outputs
- Provides easy and secure access via a hinged lid and snap lock

SPECIFICATIONS

DIMENSIONS (H X W X D)	345 x 292 x 130 mm 13.6 x 11.5 x 5.1 "
OPERATING TEMPERATURE	-40 to +65 *C -40 to +149 *F
WEIGHT	without cable stub 2 kg 4.5 lbs
MOUNTING	Wall or Pole Mount
INTERFACE	25-Pair Outside Plant Cable (25 ft long)

SPECIFICATIONS

COMPLIANCE

RoHS 5/6 Compliant, UL60950

8x8 Power Combiner Install Guide

WIRING

xDSL - IN

Port	Tip/ Ring	Wire Color
1	T	WHITE
	R	BLUE
2	T	WHITE
	R	ORANGE
3	T	WHITE
	R	GREEN
4	T	WHITE
	R	BROWN
5	T	WHITE
	R	SLATE
6	T	RED
	R	BLUE
7	T	RED
	R	ORANGE
8	T	RED
	R	GREEN

SPAN Power - IN

Port		Tip/ Ring	Wire Color
1	+190V	T	RED
	-190V	R	BROWN
2	+190V	T	RED
	-190V	R	SLATE
3	+190V	T	BLACK
	-190V	R	BLUE
4	+190V	T	BLACK
	-190V	R	ORANGE
5	+190V	T	BLACK
	-190V	R	GREEN
6	+190V	T	BLACK
	-190V	R	BROWN
7	+190V	T	BLACK
	-190V	R	SLATE
8	+190V	T	YELLOW
	-190V	R	BLUE

Combined xDSL & SPAN Power - OUT

Port	Tip/ Ring	Wire Color
1	T	YELLOW
	R	ORANGE
2	T	YELLOW
	R	GREEN
3	T	YELLOW
	R	BROWN
4	T	YELLOW
	R	SLATE
5	T	VIOLET
	R	BLUE
6	T	VIOLET
	R	ORANGE
7	T	VIOLET
	R	GREEN
8	T	VIOLET
	R	BROWN

Note:

+190V -> Tip side

-190V -> Ring side