

# M805 8x8 Power Combiner

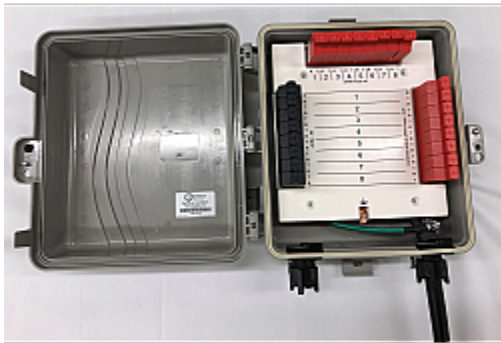
Model SA-2745-M800-25



**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

<b>DIMENSIONS (H X W X D)</b>	345 x 292 x 130 mm 13.6 x 11.5 x 5.1 "
<b>OPERATING TEMPERATURE</b>	-40 to +65 *C -40 to +149 *F
<b>WEIGHT</b>	without cable stub    2 kg 4.5 lbs
<b>MOUNTING</b>	Wall or Pole Mount
<b>INTERFACE</b>	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