

M805 8x8 Power Combiner

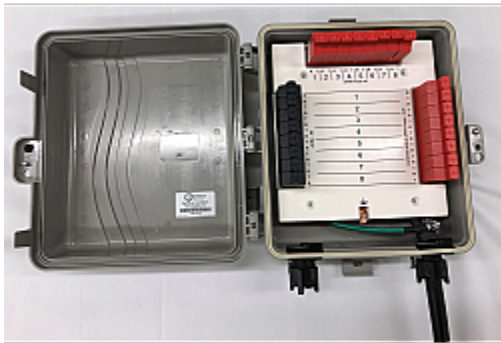
Model SA-2745-M800-25



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