

ACT 492 Hybrid Cable RRHD

Remote Radio Head Distribution Panel

- ▶ The ACT 492 Hybrid Cable Remote Radio Head Distribution (RRHD) Panel, is a Fiber and DC Power Distribution Panel with replaceable plug in module Surge Protectors, and a wide selection of Fiber distribution connector options.

This system is specifically designed to not only protect and distribute the power to your sensitive Cellular and Antenna equipment against harmful lightning surges and electrical transient surges, but also acts as your fiber distribution panel.

Power Distribution – The ACT 492 Hybrid RRH Family can utilize either a hybrid protection circuit consisting of MOV technology DIN Protectors (standard product) or an optional high energy Gas Discharge Tubes (GDT's) with fast clamping MOV DIN Protectors. Both solutions offer an ultra-fast response time and are very high power handling capability of 50 kA 8/20us surge wave per power line (100kA per power pair). Unlike many of the other DC protector companies, these units automatically reset after each surge event. These protectors also allows hot swappable plug in protectors, so you never have to turn off the power to service the unit. Power Distribution DIN Connectors are installed to provide easy power cable connection for up to 12 radios.

Fiber Distribution – provides easy signal distribution in a wide range of connectors. This allows either fusion splice or connector organization for up to 12 radios.



ACT 492-075-006-0-12-FT

▶ FEATURES

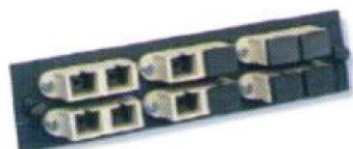
- Wide Range of Fiber Distribution – Fusion Splices, LC & SC connectors
- Full Range of Voltage Levels – Perfect for any Cellular or Telephone Application
- Power and Signals up to 12 Radio Heads
- Hybrid (MOV and Gas Tube) and MOV only (typical) Technology
- DIN mounting for Power makes for easy installation – Hot Swap Modular SPD makes for easy and quick repairs
- Remote Status Alarm Option – No more guessing if each protector on the tower is working.
- Surge Protector is UL 497 Listed
- Made in the USA
- 2 Year Standard Warranty

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▶ PART NUMBER AND OPTIONS

ACT 492-UUU-VWW-X-YY-ZZ

Where UUU = DC Voltage	024	24vdc
	048	48vdc
	075	Typically used on a -48vdc system like telephone
Where V = Top or Bottom of Tower	0	Standard unit near antenna, surge protection on both + positive and – negative DC supply voltage
Where WW = Number of radios to be powered	04	
	06	
	08	
	12	
Where X = Options	R	Remote Relay Alarms (typically at antenna unit)
	B	Breakers installed (typically at base unit)
Where YY = Number of individual fiber cables	12	
	24	
	48	
Where ZZZ = Fiber connector type	FT	Fusion Splice Tray
	LCS	LC Single Mode Distribution Panel
	LCM	LC Multi Mode Distribution Panel
	SCS	SC Single Mode Distribution Panel
	SCM	SC Multi Mode Distribution Panel



▶ TYPICAL PART NUMBERS

ACT 492-075-012-0-24-FT

Remote Radio Head Distribution System – With surge protection and power distribution for both +/- 48 vdc for 12 Radios. Fiber distribution for 24 fibers (2 per radio).

ACT 492-075-012-R-24-LCS

Remote Radio Head Distribution System – With surge protection and power distribution for both +/- 48 vdc for 12 Radios, surge protection has remote relay contacts. Fiber Distribution for 24 Fibers with 12 LC Duplex Single mode Connectors.

*See ACT 491 for details on
DC Power Distribution Specifications*