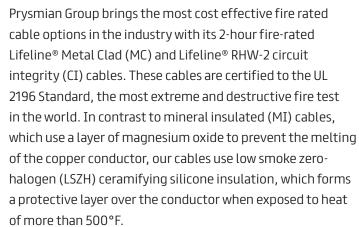
Prysmian Fire Rated System Cost Advantage







Prysmian CI cables are not only more flexible and easier to install, but also cost significantly less than MI cables.



Figure 1: Lifeline® 2-hr Fire-rated MC Multiconductor



Figure 2: Lifeline® 2-hr Fire-rated RHW-2 in EMT Conduit

Costs of 300' of 4/C 350kcmil Lifeline® MC and Lifeline® RHW-2 cables compared with MI Cables*						
Cable Type	Lifeline® RHW-2 + EMT	Lifeline® RHW-2 + FRE	Lifeline® MC	MI		
Cable Cost	\$26,000.00	\$26,000.00	\$40,000.00	\$50,000.00		
Conduit Cost	\$600.00	\$7,000.00	_	_		
Connector Cost	_	_	\$600.00	\$800.00		
Labor Cost/Hr*	\$100.00	\$100.00	\$100.00	\$100.00		
Labor Hours	11	13	10	51		
Total Labor Cost	\$1,100.00	\$1,300.00	\$1,000.00	\$5,100.00		
Termination Costs	\$47.00	\$47.00	\$60.00	\$438.00		
Total Costs	\$27,747.00	\$34,347.00	\$41,660.00	\$56,338.00		

 $[*]All\ pricing\ estimates\ were\ compiled\ by\ Prysmian\ Group.\ Actual\ pricing\ varies\ based\ on\ location/project\ specifics.$

MI cables are length limited, difficult to splice and terminate, and can add days to your installation time. Why burn your time and money buying MI?

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Prysmian Fire Rated System Cost Advantage



Cost savings are even greater with longer lengths, reducing splice points. See cost tables for 1000' and 3000' lengths:

Costs of 1000' of 4/C 350kcmil Lifeline® MC and RHW-2 cables compared with MI Cables*						
Cable Type	Lifeline® RHW-2 + EMT	Lifeline® RHW-2 + FRE	Lifeline® MC	MI		
Cable Cost	\$86,240.00	\$86,240.00	\$120,000.00	\$166,650.00		
Conduit Cost	\$1,999.80	\$23,331.00	_	_		
Connector Cost	_	_	\$600.00	\$3,200.00		
Labor Cost/Hr*	\$100.00	\$ 100.00	\$100.00	\$100.00		
Labor Hours	44	52	40	204		
Total Labor Cost	\$4,400.00	\$5,200.00	\$4,000.00	\$20,400.00		
Termination Costs	\$47.00	\$47.00	\$60.00	\$1,752.00		
Total Costs	\$92,686.80	\$114,818.00	\$124,660.00	\$192,002.00		

Costs of 3000' of 4/C 350kcmil Lifeline® MC and RHW-2 cables compared with MI Cables*						
Cable Type	Lifeline® RHW-2 + EMT	Lifeline® RHW-2 + FRE	Lifeline® MC	MI		
Cable Cost	\$213,480.00	\$213,480.00	\$306,930.00	\$466,620.00		
Conduit Cost	\$5,599.44	\$65,326.80	_	_		
Connector Cost	_	_	\$600.00	\$8,800.00		
Labor Cost/Hr*	\$100.00	\$ 100.00	\$100.00	\$100.00		
Labor Hours	176	208	160	816		
Total Labor Cost	\$17,600.00	\$20,800.00	\$16,000.00	\$81,600.00		
Termination Costs	\$47.00	\$47.00	\$60.00	\$7,008.00		
Total Costs	\$236,726.44	\$299,653.80	\$323,590.00	\$564,028.00		

^{*}All pricing estimates were compiled by Prysmian Group. Actual pricing varies based on location/project specifics.



Lifeline® MC Fire-rated Cables

- Multiconductor or Single Conductor
- 2-hour UL 2196 fire-rated FHIT Certification
- Terminates directly to equipment without the need to splice
- Self-contained raceway, no need to install conduit before pulling cable
- Armor meets Equipment Grounding Conductor requirements of NEC Table 250.122
- Reduce splices with installation in long lengths



Lifeline® RHW-2 Cables

- Bundled single conductors
- Only 2-hour UL 2196 fire-rated FHIT Certified RHW-2 in the market
- Terminates directly to equipment without the need to splice
- Can be installed in both in electrical metal tubing (EMT) conduit or in Fiberglass Reinforced Epoxy (FRE) Conduit
- •Cost effective pipe and wire installation

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