

INNOVATION
HARDENS UNDER FIRE
EVACUATE



Olex leads the way

with Pyrolex[®] Ceramifiable[®] Single & Multicore

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 **Olex**
a Nexans company

SAFETY

Now available in both single and multicore configurations, Pyrolex[®] Ceramifiable[®] offers you the complete package for superior performance in emergency situations.

 **Olex**
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Still the world leader in fire performance cables.

The biggest breakthrough in fire performance technology in decades, Pyrolex® Ceramifiable® insulation layer hardens into a protective ceramic shield when exposed to fire, maintaining circuit integrity and life-saving essential services in the event of a fire.



Precision design and technology of manufacture ensures that Pyrolex® Ceramifiable® meets the demands of complex modern applications, including mains, sub-mains, building projects and the fire protection industry. Designed without stiff mica tapes or metal sheathing, Pyrolex® Ceramifiable® provides increased cost savings at installation when compared to traditional fire rated cables.

Proudly designed in conjunction with the CSIRO and manufactured here in Australia by Olex, Pyrolex® Ceramifiable® single and multicore cables can take the heat.

Benefits

- Unique polymer insulation hardens and protects in a fire
- Easy to handle and install; no tapes to remove
- Halogen free, low smoke, low toxic and corrosive emissions, flame retardant
- 110°C continuous operating temperature for single and multicore enables high current ratings and reduced cable size
- Independently tested and certified to AS/NZS 3013:2005 – (WS52W rated), IEC 60331 and BS 6387.

Pyrolex® Ceramifiable® Single Core

Construction Single Core ES110. Copper conductor, 0.6/1kV Ceramifiable® insulated, HFS-110-TP sheathed to AS/NZS 5000.1, 110°C, WS52W fire rated to AS/NZS 3013:2005.

Sheath colour Single core – black

Nom. cond. area mm ²	Nom. insul. thickness mm	Nom. sheath thickness mm	Nom. overall diameter mm	Approx. mass kg/100m	Product code
10	1.0	1.4	10.7	20	PEKP13AA001
16	1.0	1.4	11.7	27	PEKP15AA001
25	1.2	1.4	13.0	37	PEKP17AA001*
35	1.2	1.4	14.2	48	PEKP18AA001*
50	1.4	1.4	15.8	63	PEKP19AA001*
70	1.4	1.4	16.8	83	PEKP20AA001*
95	1.6	1.5	18.9	109	PEKP22AA001*
120	1.6	1.5	20.5	137	PEKP23AA001*
150	1.8	1.6	22.3	166	PEKP24AA001*
185	2.0	1.7	23.8	199	PEKP25AA001*
240	2.2	1.8	26.8	260	PEKP26AA001*
300	2.4	1.9	29.6	324	PEKP27AA001*
400	2.6	2.0	33.1	420	PEKP28AA001*
500	2.8	2.1	36.6	525	PEKP30AA001*
630	2.8	2.2	40.2	645	PEKP32AA001*

*Compacted Conductors

Pyrolex® Ceramifiable® Multicore

Construction Multicore ES110. Copper conductor 0.6/1kV Ceramifiable® insulated, HFS-110-TP sheathed to AS/NZS 5000.1, 110°C, WS52W fire rated to AS/NZ 3013:2005.

Sheath colour Multicore – orange

Number of cores	Nom. cond. area mm ²	Nom. insul. thickness mm	Nom. sheath thickness mm	Nom. overall diameter mm	Approx. mass kg/100m	Product code
2	1.5	1.0	1.8	11.3	17	PEKP05AA002
2	2.5	1.0	1.8	12.3	21	PEKP07AA002
2+E	1.5	1.0	1.8	11.8	19	PDKP05AA002
2+E	2.5	1.0	1.8	13.0	25	PDKP07AA002
2+E	4	1.0	1.8	13.8	29	PDKP09AA002
2+E	6	1.0	1.8	14.7	35	PDKP11AA002
2+E	10	1.0	1.8	16.3	48	PDKP13AA002
3	1.5	1.0	1.8	11.8	19	PEKP05AA003
3	2.5	1.0	1.8	13.0	25	PEKP07AA003
3+E	1.5	1.0	1.8	12.8	22	PDKP05AA003
3+E	2.5	1.0	1.8	14.0	30	PDKP07AA003
3+E	4	1.0	1.8	15.0	36	PDKP09AA003
3+E	6	1.0	1.8	16.0	44	PDKP11AA003
3+E	10	1.0	1.8	17.9	60	PDKP13AA003
3+E	16	1.0	1.8	20.1	84	PDKP15AA003
3+E	25	1.2	1.8	22.6	117	PDKP17AA003
3+E	35	1.2	1.8	25.3	156	PDKP18AA003
4	1.5	1.0	1.8	12.8	22	PEKP05AA004
4	2.5	1.0	1.8	14.0	30	PEKP07AA004
4+E	1.5	1.0	1.8	13.8	26	PDKP05AA004
4+E	2.5	1.0	1.8	15.2	35	PDKP07AA004
4+E	4	1.0	1.8	16.4	43	PDKP09AA004
4+E	6	1.0	1.8	17.6	53	PDKP11AA004
4+E	10	1.0	1.8	19.7	74	PDKP13AA004
4+E	16	1.0	1.8	22.2	103	PDKP15AA004
4+E	25	1.2	1.8	25.0	145	PDKP17AA004
4+E	35	1.2	1.8	28.0	195	PDKP18AA004
4+E	50	1.4	2.0	32.3	265	PDKP19AA004

