

## YVFR For Reeling Cable



### Applications:

Reeling cables are primarily engineered for heavy-duty applications where frequent winding and unwinding are required, making them indispensable for **mobile equipment** such as gantry cranes, hoists, conveyor systems, and large mining excavators in demanding industrial environments like ports, steel mills, and open-cast mines.

### General Construction:

**Conductor:** Fine strands of tinned or bare copper, Class 5 or Class 6

**Insulation:** PVC or NBR or PUR or TPE

**Inner core Color:** Black + Yellow/Green - Ground Wire

**Center Filling:** Central steel wire wrapped in PVC sheath (Other options, as specified by the customer)

**Braiding:** 50% Kevlar coverage

**Outer jacket:** PUR or TPE sheath

**Working voltage:** 0.6/1KV

**Test voltage:** 3.5 kV / 5 min

**Minimum bending radius:** 10×outer diameter

**Working temperature:** -40°C-----+150°C

## Specification Details:

Type	Specification	Conductor Structure	Diameter mm	Weight
YVFR	3x25+3x16/3	0.795	31.4	1746
YVFR	3x35+3x16/3	0.565	31.7	1987
YVFR	3x50+3x25/3	0.393	37.4	2910
YVFR	3x70+3x35/3	0.277	42.7	3864
YVFR	3x95+3x50/3	0.21	47.3	5024
YVFR	3x120+3x70/3	0.164	55	6630
YVFR	3x150+3x70/3	0.132	57.9	7647
YVFR	3x185+3x95/3	0.108	62.9	9091
YVFR	3x240+3x120/3	0.0817	71.4	11998
YVFR	4x1.5	13.7	13.8	257
YVFR	4x2.5	8.21	14.8	313
YVFR	4x4	5.09	18	475
YVFR	4x6	3.39	19.4	592
YVFR	4x10	1.95	23.6	929
YVFR	4x16	1.24	26.7	1315
YVFR	4x25	0.795	31.5	1844
YVFR	4x35	0.565	39.9	2828
YVFR	4x50	0.393	46.5	2016
YVFR	7x1.5	13.7	18.6	409
YVFR	12x1.5	13.7	23.4	714
YVFR	18x1.5	13.7	23.3	812
YVFR	24x1.5	13.7	26.8	1055
YVFR	36x1.5	13.7	29.5	1337
YVFR	44x1.5	13.7	32.5	1530
YVFR	12x2.5	8.21	25.4	920
YVFR	18x2.5	8.21	25.3	1005
YVFR	24x2.5	8.21	29.2	1383
YVFR	36x2.5	8.21	33.3	1833
YVFR	44x2.5	8.21	37.1	2174
YVFR	56x2.5	8.21	43.1	3020
YVFR	12x2.5+12x1(C)	8.21	30.2	1352
YVFR	19x2.5+5x1(C)	8.21	29.2	1385
YVFR	19x2.5+5x1.5(C)	8.21	34	1678
YVFR	25x2.5+5x1(C)	8.21	32.4	1633
YVFR	34x2.5+10x1(C)	8.21	37.1	2248
YVFR	5x10+1x(4x1.5)C	1.95	32.7	1600

YVFR	$3 \times 150 + 2 \times 70/2 + 1 \times (6 \times 1)C$	0.132	67.5	9250
------	---	-------	------	------