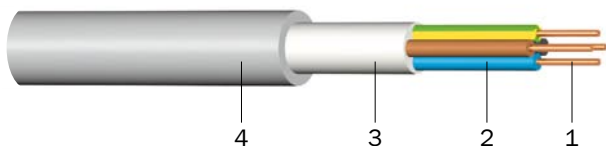


# YM (A05VV-U,-R)

**Light PVC-sheathed cable**  
**Standard: ÖVE/ÖNORM E 8241**

**Application:**

For the fixed installation in dry and wet rooms. Not applicable for outdoor installation and direct in concrete.



**Construction:**

- 1 Copper conductor, round single wire (RE, U) or round multi wire (RM, R)
- 2 Insulation (PVC)
- 3 Common covering (EPDM)
- 4 Sheath (PVC, light grey RAL 7035 resp. special colour)

- Rated voltage:** 300/500 V
- Test voltage:** 2000 Veff
- Temperature range:**  
 During installation: min. +5 °C  
 Operating temperature: -20 °C to +70 °C  
 Conductor temperature: max. +70 °C  
 Short circuit temperature of the conductor: max. +160 °C/5 s
- Bending radius (min.):** 4 x Ø of the cable
- Core identification:** colour code (ÖVE/ÖNORM E 8241)
- Flammability:** Self extinguishing (EN 50265-2-1, IEC 60332-1)
- Certification mark:** ÖVE Austria

Energy cables

Number of cores x nominal cross section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
<b>YM-O (A05VV-U,-R)</b>						
2 x 1.5 RE	12.10	7.0	30	91	50 R, 100 R, 500 Sp, 1000 Sp	<b>833.81</b>
3 x 1.5 RE	12.10	7.8	45	111	50 R, 100 R, 500 Sp, 1000 Sp	<b>890.98</b>
4 x 1.5 RE	12.10	8.3	60	132	50 R, 100 R, 500 Sp, 1000 Sp	<b>1,097.88</b>
5 x 1.5 RE	12.10	9.1	75	157	50 R, 100 R, 500 Sp, 1000 Sp	<b>1,244.06</b>
7 x 1.5 RE	12.10	10.1	105	203	500 Sp, 1000 Sp	2,675.97
2 x 2.5 RE	7.41	8.6	50	131	50 R, 100 R, 500 Sp, 1000 Sp	<b>1,279.06</b>
3 x 2.5 RE	7.41	8.9	75	159	500 Sp, 1000 Sp	1,468.17
4 x 2.5 RE	7.41	10.3	100	208	500 Sp, 1000 Sp	1,951.00
5 x 2.5 RE	7.41	10.7	125	234	500 Sp, 1000 Sp	2,654.56
7 x 2.5 RE	7.41	12.3	175	313	500 Sp, 1000 T	4,245.93
2 x 4 RE	4.61	9.4	80	173	50 R, 100 R, 500 Sp, 1000 Sp	<b>1,490.65</b>
3 x 4 RE	4.61	10.0	120	225	500 T, 1000 T	2,428.79
4 x 4 RE	4.61	11.0	160	283	500 T, 1000 T	2,673.52
5 x 4 RE	4.61	12.4	200	330	500 T, 1000 T	3,919.14
2 x 6 RE	3.08	10.3	120	238	500 T, 1000 T	1,929.05
3 x 6 RE	3.08	12.3	180	323	500 T, 1000 T	3,075.33
4 x 6 RE	3.08	14.0	240	421	500 T, 1000 T	3,344.76
5 x 6 RE	3.08	14.2	300	453	500 T, 1000 T	4,954.98

# YM (A05VV-U,-R)

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu- value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
<b>YM-O (A05VV-U,-R)</b>						
2 x 10 RE	1.83	14.2	200	409	500 T, 1000 T	3,408.82
3 x 10 RE	1.83	15.0	300	503	500 T, 1000 T	4,858.34
4 x 10 RE	1.83	17.1	400	665	500 T, 1000 T	4,397.54
4 x 10 RM	1.83	17.3	400	670	500 T, 1000 T	4,888.11
5 x 10 RE	1.83	18.1	500	752	500 T, 1000 T	7,732.31
2 x 16 RM	1.15	17.0	320	603	500 T, 1000 T	5,688.89
3 x 16 RM	1.15	18.4	480	772	500 T, 1000 T	7,244.44
4 x 16 RM	1.15	20.1	640	975	500 T, 1000 T	7,601.72
5 x 16 RM	1.15	22.3	800	1,162	500 T, 1000 T	10,965.35
<b>YM-J (A05VV-U,-R)</b>						
3 x 1.5 RE	12.10	7.8	45	111	50 R, 100 R, 500 Sp, 1000 Sp	<b>684.18</b>
4 x 1.5 RE	12.10	8.3	60	132	50 R, 100 R, 500 Sp, 1000 Sp	<b>875.02</b>
5 x 1.5 RE	12.10	9.1	75	157	50 R, 100 R, 500 Sp, 1000 Sp	<b>1,042.43</b>
7 x 1.5 RE	12.10	10.1	105	203	50 R, 100 R, 500 Sp, 1000 Sp	<b>2,324.66</b>
3 x 2.5 RE	7.41	8.9	75	159	50 R, 100 R, 500 Sp, 1000 Sp	<b>1,225.73</b>
4 x 2.5 RE	7.41	10.3	100	208	50 R, 100 R, 500 Sp, 1000 Sp	<b>1,690.76</b>
5 x 2.5 RE	7.41	10.7	125	234	50 R, 100 R, 500 Sp, 1000 Sp	<b>1,866.38</b>
7 x 2.5 RE	7.41	12.3	175	313	50 R, 100 R, 500 Sp, 1000 T	<b>3,859.84</b>
3 x 4 RE	4.61	10.0	120	225	50 R, 100 R, 500 Sp, 1000 T	<b>2,063.07</b>
4 x 4 RE	4.61	11.0	160	283	50 R, 100 R, 500 Sp, 1000 T	<b>2,324.04</b>
5 x 4 RE	4.61	12.4	200	330	50 R, 100 R, 500 Sp, 1000 T	<b>2,774.21</b>
3 x 6 RE	3.08	12.3	180	323	50 R, 100 R, 500 Sp, 1000 T	<b>2,796.05</b>
4 x 6 RE	3.08	14.0	240	421	50 R, 100 R, 500 Sp, 1000 T	<b>2,926.66</b>
5 x 6 RE	3.08	14.2	300	453	50 R, 100 R, 500 Sp, 1000 T	<b>4,391.31</b>
3 x 10 RE	1.83	15.0	300	503	500 T, 1000 T	4,395.11
4 x 10 RE	1.83	17.1	400	665	500 T, 1000 T	<b>4,366.92</b>
5 x 10 RE	1.83	18.1	500	752	500 T, 1000 T	<b>5,912.54</b>
4 x 10 RM	1.83	17.3	400	670	500 T, 1000 T	4,903.33
5 x 10 RM	1.83	19.0	500	802	500 T, 1000 T	<b>6,576.08</b>
3 x 16 RM	1.15	18.4	480	772	500 T, 1000 T	7,244.44
4 x 16 RM	1.15	20.1	640	975	500 T, 1000 T	<b>7,126.62</b>
5 x 16 RM	1.15	22.3	800	1,162	500 T, 1000 T	<b>9,345.40</b>

**Note:** Sheath in special colours: Listed price +10 %

Subject to technical changes. All figures are therefore without guarantee.