

SIZE sqmm.	50	70	95	120	150	185	240
3 - CORE							
OVERALL DIA. (mm.)	52	56	60	64	68	72	80
CONDUIT SIZE (mm.)	100						

A.) FOR : 6KV XLPE/LC/SWA/PVC

SIZE sqmm.	4	6	10	16	25	35	50	70	95	120	150	185	240	
OVERALL DIA. (mm.)	2C	19.6	21	24.5	26.5	30.	32.5	31.5	34	38	41.5	45	49	55
	3C	20.5	23	25	27.5	31.5	34.5	34.5	38	44	47.5	51	57	63
	4C	23	24.5	27	29.5									
CONDUIT SIZE (mm.)	2C													
	3C	50					75			100				
	4C													


B.) FOR : 1KV PVC/LC/SWA/PVC

CORE	2C	3C	4C	5C	7C	12C	24C
2.5 sqmm.							
OVERALL DIA. (mm.)	17.7	18.3	19.3	21	22	27	33
CONDUIT SIZE(mm.)	40			50			

C.) FOR : 1KV PVC/LC/SWA/PVC

NOTES

- 1- FOR 20KV & 10KV CABLES. M100 CONDUIT SHALL BE USED.
- 2- THIS TABLE SHOWS MINIMUM REQUIRED CONDUIT SIZE.

C			
B			
A			
REV	DESCRIPTION	DATE	
 IRANIAN PETROLEUM STANDARDS <small>NO REVISION PERMITTED UNLESS APPROVED BY STANDARD ORGANIZATION</small>			
REFERENCE DRAWING POWER INSTALLATION DETAILS "CATEGORY 200" CONDUIT SELECTION CHART			
DATE	DRAWING No.	SHEET	REV.
	IPS - D - EL - 218	1	1